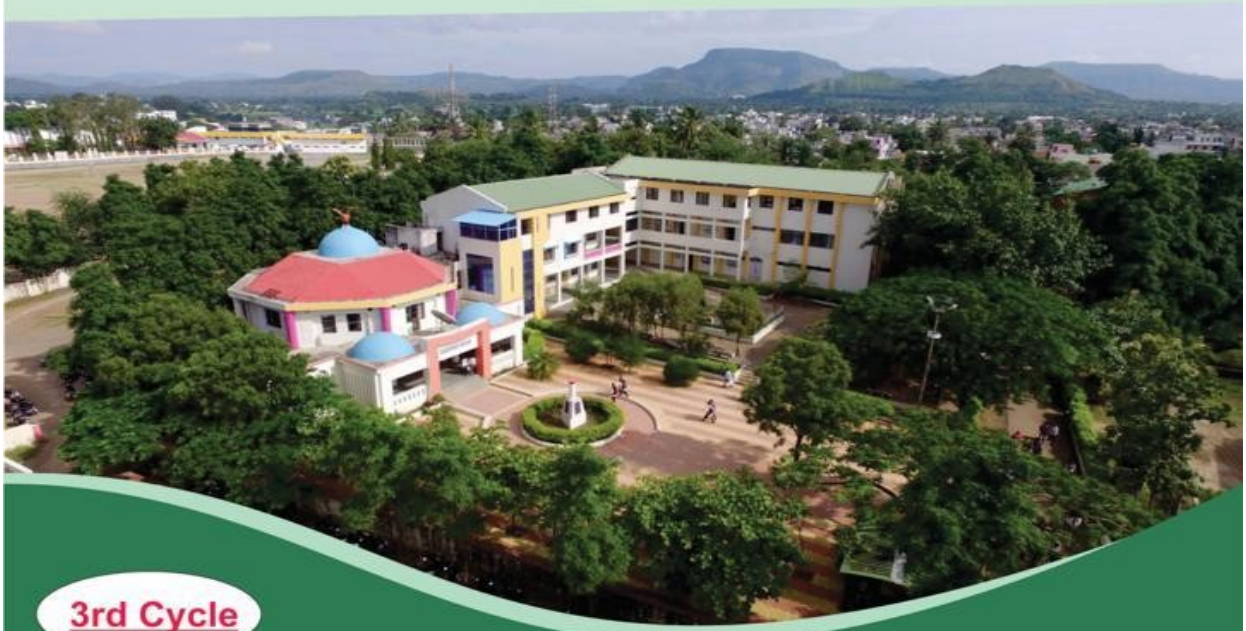
Akole Taluka Education Society's

Agasti Arts, Commerce and Dadasaheb Rupwate Science College, Akole

Tal.Akole, Dist.Ahmednagar - 422601 (Maharashtra)



3rd Cycle

Assessment and Accreditation

Criterion– II

Teaching – Learning and Evaluation

2.5: Evaluation Process and Reforms

साहसे श्रीः प्रतिवसति ।
I.D.No.PU/AN/ASC/018/1974. | HSC/1176/July 1976 Dt. 1.7.76 | H.S.C.No.J-12.01.001
Akole Taluka Education Society's
AGASTI ARTS, COMMERCE &
DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE
A/p. Tal. Akole, Dist. Ahmednagar, Pin - 422 601 (Maharashtra)
AIS,HE.Code : C-41748
I Savitribai Phule Pune University Best College Award - 2007
I NAAC Aaccredited 'A' Grade
Dr. Bhaskar Shelke
Principal
M.A. M.Phil., Ph.D., D.Litt.
Mob.: 9890686521. Ph. 02424 - 221248
E-mail : shelke_bhaskar@yahoo.com

DCLARATION

This is to declare that the information, reports, true copies of the supporting documents, numercal data, etc. submitted / presented in this file is verified by **Internal Quality Assurance Cell (IQAC)** and is correct as per the records. This declaration is for the purpose of NAAC accreditation of Higher Education Institution (HEI) for 3rd Cycle period 2017-18 to 2021-22.

Date:

Place: Akole

Co-ordinator
Internal Quality Assurance Cell
Arts,Commerce & Dadasaheb
Rupwate Science College,Akole
Dist.Ahmednagar (422601)

AGASTI ARTS, COMM. & DADASAHEB RUPWATE SCIENCE COLLEGE
EST.1974
TAL-AKOLE
DISTRICT
AHMEDNAGAR
422 601
AKOLE

PRINCIPAL,
Agasti Arts,Commerce & Dadasaheb Rupwate
Science College, Akole - 422601;Dist.A'Nagar

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1) Introduction

The assessment of student performance is the most important tool to measure the outcomes of teaching-learning process which forms an integral part of TLP. It is regularly implemented at HEI using the policies and procedures. The student assessment is carried out in terms of internal evaluation and the performance in university examination. To ensure the transparency and efficiency of evaluation process various measures have been employed and practiced regularly with the help of faculties and staff of the college. College follows the rules and regulations laid down by affiliating university. A duly constituted college examination committee is involved in the smooth conduct and functioning of all examination processes. College examination officer coordinate the routine functioning of all examination related activities. For efficiency and timely redressal of grievances if any, grievance redressal cell takes all necessary actions for student satisfaction.

2) College Examination Committee

The college examination committee is constituted in the HEI for the smooth and effective functioning of the examination process. The committee is chaired by the Principal and College Examination Officer (CEO) is the member secretary. The members of examination committee include one senior faculty member from each faculty.

Functions:

1. Preparation and implementation of calendar.
2. Conduct of Internal and External Examinations.
3. Correspondence with university.
4. Declaration of results.
5. Address the students' grievances with the help of grievance redressal cell.
6. Prepare reports.

7) Grievance Redressal Mechanism:

The functioning of college ensures the transparency and accountability in its process. In context with these various policies have been framed, statutory cells as well as grievance redressal cell are established. College has established a well-defined mechanism to register the grievances physically as well as online. The examination related grievances are resolved for the student satisfaction by examination committee and grievance redressal cell. The grievances related to internal examination are resolved at college level by examination section and Principal to ensure fairness and transparency of evaluation process. Grievances related to university examination are collected and forwarded to university for timely redressal.

1) Introduction

The assessment of student performance is the most important tool to measure the outcomes of teaching-learning process which forms an integral part of TLP. It is regularly implemented at HEI using the policies and procedures. The student assessment is carried out in terms of internal evaluation and the performance in university examination. To ensure the transparency and efficiency of evaluation process various measures have been employed and practiced regularly with the help of faculties and staff of the college. College follows the rules and regulations laid down by affiliating university. A duly constituted college examination committee is involved in the smooth conduct and functioning of all examination processes. College examination officer coordinate the routine functioning of all examination related activities. For efficiency and timely redressal of grievances if any, grievance redressal cell takes all necessary actions for student satisfaction.

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साहसे श्रीः प्रतिवसति ।
I.D.No.PU/AN/ASC/018/1974. | HSC/1176/July 1976 Dt. 1.7.76 | H.S.C.No.J-12.01.001
Akole Taluka Education Society's
AGASTI ARTS, COMMERCE &
DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE
A/p. Tal. Akole, Dist. Ahmednagar, Pin - 422 601 (Maharashtra)
AIS, HE. Code: C-41748

I Savitribai Phule Pune University Best College Award - 2007
I NAAC Aaccredited 'A' Grade

Dr. Bhaskar Shelke
Principal
I M.A. M.Phil., Ph.D., D.Litt.
I Mob.: 9890686521. Ph. 02424 - 221248
I E-mail : shelke_bhaskar@yahoo.com

Examination Comittee
(2022 to 2025)

Sr.No	Name	
1	**Dr.Shelke B.T.**	**(Principal)**
2	**Dr.Takate.S.B.**	**(Vice Principal)**
3	**Dr.Kotkar V.G.**	**(CEO)**
4	Prof.Palande S.A.	(Commerce)
5	Dr.Hadule D.S.	(Arts)
6	Prof.Naikwadi.P.H.	(Science)
7	Prof.Pancham R.V.	(Arts)
8	Prof.Wakchaure A. L.	(Science)
9	Prof.Shelke D.G	(IT)
10	Prof.Ambre.K.K	(IT)
11	Prof.Miss.Shete.S.S	(Wine.Tech)
12	Prof.Papal D.L	(Wine.Tech)
13	Mr. Phatangare S. B.	(Jr. Clerk)
14	Mr. Deshmukh S. S.	(Clerk)
15	Mr. Kale M. B.	(Clerk)
16	Mr. Auchite D. T.	(Peon)
17	Mr. Wakchaure A. S.	(Peon)

AGASTI ARTS, COMM. & DADASAHEB RUPWATE SCIENCE COLLEGE EST. 1974 TAL-AKOLE DISTRICT AHMEDNAGAR 422 601 AKOLE

Dr. Bhaskar Shelke
PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE

साहसे श्री: प्रतिवसति ।
I.D.No.PU/AN/ASC/018/1974. | HSC/1176/July 1976 Dt. 1.7.76 | H.S.C.No.J-12.01.001
Akole Taluka Education Society's
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Principal

I M.A. M.Phil., Ph.D., D.Litt.
I Mob.: 9890686521. Ph. 02424 - 221248
I E-mail : shelke_bhaskar@yahoo.com

Examination Committee
(2019-20 TO 2021-22)

Sr.No	Name	
1	**Dr.Shelke B.T.**	**(Principal)**
2	**Dr.Takate.S.B.**	**(Vice Principal)**
3	**Dr.Jadhav.K.S**	**(CEO)**
4	Prof.Palande S.A.	(Commerce)
5	Dr.Hadule D.S.	(Arts)
6	Prof.Naikwadi.P.H.	(Science)
7	Prof.Pancham R.V.	(Arts)
8	Prof.Wakchaure A. L.	(Science)
9	Prof.Shelke D.G	(IT)
10	Prof.Ambre.K.K	(IT)
11	Prof.Miss.Shete.S.S	(Wine.Tech)
13	Mr. Phatangare S. B.	(Jr. Clerk)
14	Mr. Deshmukh S. S.	(Clerk)
16	Mr. Auchite D. T.	(Peon)
17	Mrs.Parad M.T.	(Peon)

AGASTI ARTS, COMM. & DADASAHEB RUPWATE SCIENCE COLLEGE EST.1974 TAL-AKOLE DISTRICT AHMEDNAGAR 422 601 AKOLE

Dr. Bhaskar Shelke
PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE

वरिष्ठ महाविद्यालय परीक्षा विभाग सन 2018–19

सभा नोटीस दिनांक 11–10–2019

वरिष्ठ महाविद्यालयातील परीक्षा विभागातील सर्व सदस्यांची सभा सत्रांत परीक्षा संदर्भात नियोजन करण्याकरिता शुक्रवार दि. 12–10–2018 रोजी सकाळी 11–30 वा. मा.प्राचार्यांच्या अध्यक्षतेखाली आयोजित केली आहे. तरी खालील सर्व सदस्यांनी मिटींगसाठी उपस्थित राहावे.

ठिकाण : **प्राचार्य कक्ष**

(डॉ.भास्कर शेळके)
प्राचार्य,
अनुसूचित कला, वाणिज्य व दादासाहेब रुपवते
विद्यालय महाविद्यालय, अकोले, जि.अहमदनगर

सही

1. प्रा. डॉ. एस.जी. वावळे (C.E.O.)
2. प्रा.डॉ. के.एस. जाधव .. सदस्य
3. प्रा. एस.अे. पाळंदे .. ''
4. प्रा. डी.एस. हाडुळे .. ''
5. प्रा. अे.के. पठाण .. ''
6. प्रा. के.डी. कानवडे .. ''
7. प्रा. डी.आर. खाटीक .. ''
8. प्रा. अे.एस. सात्रळकर .. ''
9. प्रा. S.K. मालुंजकर (स्टाफ सेक्रेटरी.)

Savitribai Phule Pune University

Information regarding nomination of College Examination Officer (CEO)

Name of the college	Agasti Arts, Commerce and Dadasaheb Rupwate Science College			
Address	Akole College Akole Ta: Akole Dist: Ahmednagar Pincode: 422601			
College Exam CODE	0117			
College PUN CODE No.	CAAA016190			
Phone nos.	Principal	Office	Residance	Mobile No
		02424-221248		9890686521
Email Id	College	CAAA016190@pun.unipune.ac.in		
	Principal	acsakole2005@gmail.com		
Name of the nominated teacher as CEO	Vishwanath Gajanan Kotkar			
Address	A/P Kumbhefal,			
Designation	Assistant Professor	Date of Appointment	04/07/2022	
S.P.P.U approval letter No. and date	Approval Letter No. - CCO/1064 Approval Date - 27/03/2014			
Total Teaching experience in yrs & months	111			
Phone nos.	CEO	Office	Residance	Mobile No
				9604669317
Email Id	Office			
	CEO	vishkotkar@gmail.com		

Declaration

I/We hereby undertake that,information provided to enable Question Paper Delivery from university portal is correct and authenticate.

I/We further confirm that,e-mails and mobile nos. provided for the purpose of communication to and from University Of Pune are of me/us and,I/We do undertake to maintain confidentiality of the communication regarding passwords and codes.

I/We aware that information delivered us for the purpose intended only and will not use it otherwise.

Any breach of confidentiality is violation of University Act.

(Vishwanath G. Kotkar)

Nominated teacher as CEO

AGASTI ARTS, COMM. & DADASAHEB RUPWATE SCIENCE COLLEGE EST.1974 TAL-AKOLE DISTRICT AHMEDNAGAR 422 601 AKOLE

Principal / Director

PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE

Encl : Copy of University approval as teacher

UNIVERSITY OF PUNE

SAVITRIBAI PHULE PUNE UNIVERSITY

College Details

- Main Menu

☐ Menu

- Welcome CAAA016190 !
- Account Settings
- Logout

Instructions To Add CEO

1. Add CEO information and download & print CEO Details report
2. Upload the scanned copy of CEO details report signed by Principal Sir along with college stamp using upload "Upload Scanned Copy" button.
3. No need to submit hard copy to Exam Section,SPPU

Nomination of College CEO

Sr. No.	First Name	Middle Name	Last Name	Date Of Birth	Mobile No	Approval Letter No	Approval Letter Date	Valid From	Valid To	Print	Change CEO
1	Vishwanath	Gajanan	Kotkar	05/09/1985	9604669317	CCO/1064	27/03/2014	04/07/2022	03/07/2025	Print	Change CEO

Upload Scanned Copy

Scan Copy

Upload Scan Copy Of CEO Print : Choose File No file chosen (.jpg Format Files Only) Upload Scaned Copy

CEO Copy With Signature Uploaded.

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Savitribai Phule Pune University

(Formerly University of Pune)

Circular No. 79 of 2017

Dates of Commencement and Conclusion of terms for the Academic Year 2017-2018

For Affliated Colleges Only.

It is hereby informed that, the dates of commencement and conclusion of the first and second term of University Courses, under various faculties, for the academic year 2017-2018 shall be as under :

Sr. No.	Name of the Courses	2017-18			
		First Term		Second Term	
		Commencement	Conclusion	Commencement	Conclusion
1	Arts & Fine Arts	15/06/2017	18/10/2017	13/11/2017	30/04/2018
	Mental,Moral and Social Sciences				
2	Science	15/06/2017	18/10/2017	13/11/2017	30/04/2018
	Engineering : SE,TE,BE & MCA- II, & III Year	15/06/2017	18/10/2017	18/12/2017	23/04/2018
	Engineering :ME - II Year.	01/07/2017	28/10/2017	15/01/2018	19/05/2018
	B.Architecture II, III, IV & V Year.	05/06/2017	23/09/2017	04/12/2017	24/03/2018
	M. Architecture II Year.	10/07/2017	04/11/2017	26/12/2017	13/04/2018
	B. Pharmacy	19/06/2017	30/11/2017	21/12/2017	04/05/2018
	M. Pharmacy	17/07/2017	09/12/2017	11/01/2018	30/05/2018
3	Commerce	15/06/2017	18/10/2017	13/11/2017	30/04/2018
	Management	01/07/2017	09/12/2017	26/12/2017	05/05/2018
4	Law : UG & PG (II/III/IV/V Year.)	15/06/2017	18/10/2017	13/11/2017	30/04/2018
	Education II Year.	01/07/2017	28/10/2017	23/11/2017	15/05/2018
	Physical Education II Year.				

Teaching will begin on the date of commencement of the terms and immediately after the finalization of admissions; however, term would stand concluded on the dates mentioned above.

NOTE

1. In case, the Principal of the Affiliated Colleges require to give additional holiday in exceptional circumstances, he/she may do so by compensating the same by keeping the College working on Sunday.

2. The Term & holidays for the Post-graduate courses conducted in the Colleges/Institutes will be as per the University Department.

3. Details of Various Activities for Engineering and Architecture Courses for the Academic Year 2017-18 attached Separately.

27/4/2017
Deputy Registrar
(P.G.Admission)

Ganeshkhind, Pune-07
Ref. No. PGS/ 1532
Date: 27/04/2017

Copy to: for Information and necessary action

The Members of the Management Council
The Deans of all Faculties
The Registrar, Savitribai Phule Pune University
The Direcoter, Board of Examnations & Evaluation, Savitribai Phule Pune University
The Head of all University Departments
The Principal of all Affiliated Colleges
The Directors of all Recognised Institutes
The Head of the Administrative Sections of the University office

Savitribai Phule Pune University

(Formerly University of Pune)

Circular No. 67 of 2018

Dates of Commencement and Conclusion of terms for the Academic Year 2018-2019
For Affiliated Colleges Only.

It is hereby informed that, the dates of commencement and conclusion of the First and Second term of University Courses, under various faculties, for the academic year 2018-2019 shall be as under :

Sr. No.	Name of the Courses and Faculties	2018-19			
		First Term		Second Term	
		Commencement	Conclusion	Commencement	Conclusion
1	**Science & Technology**				
	Science	15/06/2018	03/11/2018	29/11/2018	30/04/2019
	Engineering ~~:~~ SE,TE,BE & MCA- II, & III Year	15/06/2018	03/11/2018	17/12/2018	25/04/2019
	Engineering :ME - II Year.	02/07/2018	03/11/2018	15/01/2019	20/05/2019
	B.Architecture II, III, IV & V Year.	15/06/2018	03/11/2018	29/11/2018	30/04/2019
	M. Architecture II Year.	02/07/2018	03/11/2018	17/12/2018	30/04/2019
	B. Pharmacy	15/06/2018	03/11/2018	29/11/2018	30/04/2019
	M. Pharmacy	02/07/2018	03/11/2018	29/11/2018	15/05/2019
2	**Commerce & Management**				
	Commerce	15/06/2018	03/11/2018	29/11/2018	30/04/2019
	Management	02/07/2018	03/11/2018	29/11/2018	15/05/2019
3	**Humanities**				
	Arts & Fine Arts	15/06/2018	03/11/2018	29/11/2018	30/04/2019
	Mental Moral and Social Sciences				
	Law : UG & PG (II/III/IV/V Year.)	15/06/2018	03/11/2018	29/11/2018	30/04/2019
4	**Inter-disciplinary Studies**				
	Education II Year.	02/07/2018	03/11/2018	29/11/2018	15/05/2019
	Physical Education II Year.				

Teaching will begin on the date of commencement of the terms and immediately after the finalization of admissions; however, term would stand concluded on the dates mentioned above.

NOTE

1. In case, the Principal of the Affiliated Colleges require to give additional holiday in exceptional circumstances, he/she may do so by compensating the same by keeping the College working on Sunday.

2. The Term & holidays for the Post-graduate courses conducted in the Colleges/Institutes will be as per the University Department.

3. Details of Various Activities for Engineering and Architecture Courses for the Academic Year 2018-19 attached Separately.

23/4/2018

Deputy Registrar
(P.G.Admission)

Ganeshkhind, Pune-07
Ref. No. PGS/ 1333
Date: 23/04/2018

Copy to: for Information and necessary action

The Members of the Management Council.
The Deans of Faculties.
The Registrar, Savitribai Phule Pune University, Pune.
The Director, Examinations & Evaluation, Savitribai Phule Pune University, Pune.
The Heads of all University Departments.
The Principals of all Affiliated Colleges.
The Directors of all Recognized Institutes.
The Heads of all the Administrative Sections of the University Office.
Asstt. Registrar, office of the Hon. Vice-Chancellor, Savitribai Phule Pune University
Asstt. Registrar, office of the Hon. Pro-Vice-Chancellor, Savitribai Phule Pune University

Savitribai Phule Pune University

(Formerly University of Pune)

Circular No. 77 of 2019

Dates of Commencement and Conclusion of terms for the Academic Year 2019-2020
For affiliated Colleges/recognised Institutes Only.

It is hereby informed that, the dates of commencement and conclusion of the First and Second term of University Courses, under various faculties, for the academic year 2019-2020 shall be as under :

Sr. No.	Name of the Courses and Faculties	2019-2020			
		First Term		Second Term	
		Commencement	Conclusion	Commencement	Conclusion
1	**Science & Technology**				
	Science	15/06/2019	24/10/2019	20/11/2019	30/04/2020
	Engineering : SE,TE,BE & MCA- II, & III Year	15/06/2019	05/11/2019	16/12/2019	27/04/2020
	Engineering :ME - II Year.	01/07/2019	09/11/2019	13/01/2020	23/05/2020
	B.Architecture II, III, IV & V Year.	15/06/2019	16/10/2019	09/12/2019	04/04/2020
	M. Architecture II Year.	08/07/2019	02/11/2019	09/12/2019	04/04/2020
	B. Pharmacy	15/06/2019	24/10/2019	20/11/2019	30/04/2020
	M. Pharmacy	01/07/2019	07/12/2019	01/01/2020	15/05/2020
2	**Commerce & Management**				
	Commerce	15/06/2019	24/10/2019	20/11/2019	30/04/2020
	Management	01/07/2019	07/12/2019	01/01/2020	15/05/2020
3	**Humanities**				
	Arts & Fine Arts	15/06/2019	24/10/2019	20/11/2019	30/04/2020
	Mental Moral and Social Sciences				
	Law : UG & PG (II/III/IV/V Year.)	01/07/2019	07/12/2019	17/01/2020	31/05/2020
4	**Inter-disciplinary Studies**				
	Education II Year. (B.Ed., M.Ed.)	01/07/2019	07/12/2019	01/01/2020	15/05/2020
	Physical Education II Year. (B.P.Ed., M.P.Ed.)	01/07/2019	07/12/2019	01/01/2020	15/05/2020

Teaching will begin on the date of commencement of the terms and immediately after the finalization of admissions; however, term would stand concluded on the dates mentioned above.

28/4/2019

NOTE

1. In case, the Principal/Director of the affiliated Colleges/recognised Institutes require to give additional holiday in exceptional circumstances, he/she may do so by compensating the same by keeping the College working on Sunday.

2. The Term & holidays for the Post-graduate courses conducted in the Colleges/Institutes will be as per the University Department.

3. Details of Various Activities for Engineering and Architecture Courses for the Academic Year 2019-20 attached Separately.

26/4/2019

Deputy Registrar
(P.G.Admission)

Ganeshkhind, Pune-07
Ref. No. PGS/1355
Date: 26/04/2019

Copy to: for Information and necessary action

The Members of the Management Council.
The Deans of Faculties.
The Registrar, Savitribai Phule Pune University, Pune.
The Director, Examinations & Evaluation, Savitribai Phule Pune University, Pune.
The Heads of all University Departments.
The Principals of all Affiliated Colleges.
The Directors of all Recognized Institutes.
The Heads of all the Administrative Sections of the University Office.
Asstt. Registrar, office of the Hon. Vice-Chancellor, Savitribai Phule Pune University
Asstt. Registrar, office of the Hon. Pro-Vice-Chancellor, Savitribai Phule Pune University

Savitribai Phule Pune University

(Formerly University of Pune)

Circular No.103 of 2020

Important Notification

Revised Dates of Conclusion of II terms for the Academic Year 2019-2020 and Commencement for the Academic Year 2020-2021
For affiliated Colleges/recognised Institutes Only.

In view of prevailing COVID-19 situation in the Country, it is hereby informed that, the revised dates of conclusion of the Second term of 2019-2020 and Commencement for the Academic Year 2020-2021 University Courses, under various faculties shall be as under :

Sr. No.	Name of the Courses and Faculties	II Term 2019-20 Conclusion	I Term 2020-2021 Commencement
1	**Science & Technology**		
	Science	05/06/2020	15/06/2020
	Engineering : SE,TE,BE & MCA-II, & III Year	05/06/2020	15/06/2020
	Engineering :ME - II Year.	05/06/2020	01/07/2020
	B.Architecture II, III, IV & V Year.	05/06/2020	15/06/2020
	M. Architecture II Year.	05/06/2020	01/07/2020
	B. Pharmacy	05/06/2020	15/06/2020
	M. Pharmacy	05/06/2020	01/07/2020
2	**Commerce & Management**		
	Commerce	05/06/2020	15/06/2020
	Management	05/06/2020	01/07/2020
3	**Humanities**		
	Arts & Fine Arts	05/06/2020	15/06/2020
	Mental Moral and Social Sciences		
	Law : UG & PG (II, III, IV & V Year.)	05/06/2020	01/07/2020
4	**Inter-disciplinary Studies**		
	Education II Year.(B.Ed., M.Ed.)	05/06/2020	01/07/2020
	Physical Education II Year.(B.P.Ed., M.P.Ed.)	05/06/2020	01/07/2020

NOTE

1. **Colleges / Institutes in the red zone / contenment zone shall required to follow the guidelines / instructions issued by the Government of Maharashtra.**

2. **Details of conclusion of Ist term and Commencement and conclusion of IInd term of academic year 2020-2021 will be declared later.**

2/6/2020.

Deputy Registrar
(P.G.Admission)

Ganeshkhind, Pune-07
Ref. No. PGS/ 779
Date: 02/06/2020

Copy to: for Information and necessary action

The Members of the Management Council.
The Deans of Faculties.
The Registrar, Savitribai Phule Pune University, Pune.
The Director, Examinations & Evaluation, Savitribai Phule Pune University, Pune.
The Heads of all University Departments.
The Principals of all Affiliated Colleges.
The Directors of all Recognized Institutes.
The Heads of all the Administrative Sections of the University Office.
Asstt. Registrar, office of the Hon. Vice-Chancellor, Savitribai Phule Pune University
Asstt. Registrar, office of the Hon. Pro-Vice-Chancellor, Savitribai Phule Pune University

Savitribai Phule Pune University

(Formerly University of Pune)

Circular No. 134 of 2021

Important Notification

Dates of Commencement and Conclusion of terms of U.G. / P.G. Courses for the Academic Year 2021-22 For affiliated Colleges/recognised Institutes.

It is hereby informed that, the dates of Commencement and conclusion of terms of U.G. / P.G. Courses for the Academic Year 2021-2022, under various faculties shall be as under :

The date of Commencement and Conclusion of the academic session of the first year of all those courses whose admission was made/ will be made under Common Entrance Examination (CET) conducted by the Government/SPPU will be announced seperatly.

Sr. No.	Name of the Faculty	Name of the Courses	Year	2021 - 2022			
				First Term		Second Term	
				Commencement	Conclusion	Commencement	Conclusion
1	Science & Technology	Science	I, III	15/06/2021	20/10/2021	15/11/2021	30/04/2022
			II	01/07/2021	20/10/2021	15/11/2021	30/04/2022
		Engineering	TE, BE	15/06/2021	20/10/2021	15/11/2021	30/04/2022
			SE	20/08/2021	12/11/2021	03/01/2022	15/05/2022
		ME, MCA	II	20/08/2021	12/11/2021	03/01/2022	15/05/2022
		B.Architecture	III, IV & V	15/06/2021	20/10/2021	15/11/2021	30/04/2022
			II	20/08/2021	12/11/2021	03/01/2022	15/05/2022
		M. Architecture	II	20/08/2021	12/11/2021	03/01/2022	15/05/2022
		B. Pharmacy	III & IV	15/06/2021	20/10/2021	15/11/2021	30/04/2022
			II	20/08/2021	12/11/2021	03/01/2022	15/05/2022
		M. Pharmacy	II	20/08/2021	12/11/2021	03/01/2022	15/05/2022
2	Commerce & Management	Commerce	I, III	15/06/2021	20/10/2021	15/11/2021	30/04/2022
			II	01/07/2021	20/10/2021	15/11/2021	30/04/2022
		Management	II	15/11/2021	03/03/2022	11/03/2022	30/06/2022

Sr. No.	Name of the Faculty	Name of the Courses	Year	2021 - 2022			
				First Term		Second Term	
				Commencement	Conclusion	Commencement	Conclusion
3	Humanities	Arts & Fine Arts	I, III	15/06/2021	20/10/2021	15/11/2021	30/04/2022
			II	01/07/2021	20/10/2021	15/11/2021	30/04/2022
		Mental,Moral and Social Sciences	I, III	15/06/2021	20/10/2021	15/11/2021	30/04/2022
			II	01/07/2021	20/10/2021	15/11/2021	30/04/2022
		Law : UG & PG	III, IV & V	01/07/2021	11/12/2021	01/01/2022	20/05/2022
		B.A. LL.B. 5 Yrs	II	11/10/2021	31/01/2022	05/2/2022	31/05/2022
		LL.B. 3 Years	II	11/10/2021	31/01/2022	05/2/2022	31/05/2022
4	Inter-disciplinary Studies	Education (B.Ed.)	II	15/09/2021	06/01/2022	17/01/2022	10/05/2022
		Education (M.Ed.)	II	15/09/2021	06/01/2022	17/01/2022	10/05/2022
		Physical Education (B.P.Ed.)	II	15/09/2021	06/01/2022	17/01/2022	10/05/2022
		Physical Education (M.P.Ed.)	II	15/09/2021	06/01/2022	17/01/2022	10/05/2022

NOTE

1. In view of prevailing COVID-19 situation in the Country, Colleges / Institutes shall required to follow the guidelines / instructions issued by the Government of Maharashtra time to time.
2. In case the Principal of the Affiliated Colleges require to give additional holiday in exceptional circumstances, he may do by the compensative the same by keeping the college working on Sunday.
3. The college are required to complete the theory and practical remaining syllabus of current term of academic year 2020-21.

14/5/2021.

Uttam R. Chavan
Deputy Registrar
(P.G.Admission)

Ganeshkhind, Pune-07
Ref. No. PGS/ 1961
Date: 14/05/2021

Copy to:
The Heads of all University Departments, Savitribai Phule Pune University, Pune.
The Principals of all Affiliated Colleges, Savitribai Phule Pune University, Pune.
The Directors of all Recognized Institutes, Savitribai Phule Pune University, Pune.

Copy to: for information
The Members of the Management Council , Savitribai Phule Pune University, Pune.
The Registrar, Savitribai Phule Pune University, Pune.
The Deans of Faculties, Savitribai Phule Pune University, Pune.
The Director, Examinations & Evaluation, Savitribai Phule Pune University, Pune.

सावित्रीबाई फुले पुणे विद्यापीठ, पुणे

F. Y. B. A. मराठी

मराठी विषयाचा पुनर्रचित अभ्यासक्रम- जून २०१९ पासून

Choice Based Credit System [CBCS]

निवड आधारित श्रेयांक पद्धत

सत्र	विषयाचे नाव
नियमित अभ्यासक्रम	
पहिले	मराठी साहित्य : कथा आणि भाषिक कौशल्यविकास [CC-1 A]
दुसरे	मराठी साहित्य : एकांकिका आणि भाषिक कौशल्यविकास [CC-1 A]
पर्यायी अभ्यासक्रम	
पहिले	व्यावहारिक व उपयोजित मराठी - भाग १ [CC-1 A]
दुसरे	व्यावहारिक व उपयोजित मराठी - भाग २ [CC-1 A]

F. Y. B. A. मराठी विषयाचा पुनर्रचित अभ्यासक्रम- जून २०१९ पासून

१. Title of the course: B.A. (मराठी)

२. Preamble of the syllabus:

उच्च शिक्षणासाठी प्रवेश घेणाऱ्या विद्यार्थ्यांची शैक्षणिक पार्श्वभूमी ही ज्ञानरचनावादाची आहे. या विद्यार्थ्यांचे पूर्वानुभव, पूर्वज्ञान हे जिज्ञासा, निरीक्षण, प्रयोग, सर्जनशीलता, उपाययोजना व समस्या निराकरण अशा अध्ययन – अध्यापन सूत्रांतून निर्माण झाले आहे.

हा अभ्यासक्रम तयार करीत असताना काही आधारभूत तत्त्वे स्वीकारली आहेत. राष्ट्रीय शैक्षणिक धोरणाची उद्दिष्टे प्रत्यक्षात आणताना, विद्यार्थीकेंद्री, आंतर्विद्याशाखीय, रोजगाराभिमुख, कौशल्याधिष्ठीत असे भाषा व साहित्याचे अभ्यासक्रम अनुसरणे, निर्माण करणे आवश्यक आहे. तसेच जीवन कौशल्य विकासासाठी भाषा, साहित्य, कला ही माध्यमे अधिक परिणामकारकतेने समजावून घेणे आवश्यक झाले आहे. साहित्यिक क्षमता, भाषिक क्षमता वाढीसाठी, जीवनाच्या आकलनासाठी आणि प्रगल्भतेसाठी विद्यार्थी सिद्ध करणे; ही आजची गरज बनली आहे.

उद्दिष्टे :

१. मराठी भाषा, मराठी साहित्य आणि मराठी संस्कृती यांचे अध्ययन करणे.
२. साहित्यविषयक आकलन, आस्वाद आणि मूल्यमापन क्षमता विकसित करणे.
३. साहित्याभ्यासातून जीवनविषयक समज विकसित करणे.
४. मराठी भाषेची उपयोजनात्मक कौशल्ये विकसित करणे.

मराठी विषयाचा अभ्यासक्रमाची पुनर्रचना खालील क्रमाने करण्यात येणार आहे.

१. First Year B.A. 2019-20.
२. Second Year B.A. 2020-21.
३. Third Year B.A. 2021-22.

B. A. (मराठी) हा पुनर्रचित अभ्यासक्रम तीन वर्षांचा आणि सहा सत्रांत विभागलेला निवड आधारित श्रेयांक पद्धतीचा (Choice Based Credit System) [CBCS] आहे. हा अभ्यासक्रम F. Y. B. A. (सत्र १ आणि सत्र २), S. Y. B. A. (सत्र ३ आणि सत्र ४), T. Y. B. A. (सत्र ५ आणि सत्र ६) अशा १३२ श्रेयांकांचा आहे.

३. Pattern: निवड आधारित श्रेयांक पद्धत (Choice Based Credit System) [CBCS]

४. Eligibility : (Circular No. 100 of 2017)

Faculty of Humanities

(1) Arts & Fine Arts Bachelor's Degree

1. First Year B.A.

(a) Higher Secondary School Certificate (10+2) or its equivalent Examination with English as a passing subject.
(b) Three Years Diploma Course (after S.S.C. i.e. 10th Standard), of Board of Technical Education conducted by Government of Maharashtra or its equivalent.
(c) Three Years Diploma in Pharmacy Course (after S.S.C. i.e. 10th), of Board of Technical Education conducted by Government of Maharashtra or its equivalent.
(d) S.S.C. of 10 years or 11 years with English and Indian Air Force Educational Test for promotion to the rank of Corporal.
(e) Trained Teachers Certificate Course, of Inter-State Board of Anglo Indian Education, New Delhi.
(f) Intermediate Commerce/Arts examination from the Recognized Board of Secondary Education, M.P. Bhopal with 4 subjects including General English.
(g) Diploma in Education with English, of Bureau of Government of Mahrashtra.
(h) MCVC (minimum competency Vocational Course Goverment of Maharashtra)

५. Examination:

१. Pattern of examination:

१. Semester

२. Pattern of the question paper:

विद्यापीठ सत्र परीक्षा	७० गुण
अंतर्गत मूल्यमापन	३० गुण
एकूण	१०० गुण

२. Standard of passing: उत्तीर्ण होण्यासाठी विद्यापीठ सत्र परीक्षेत ७० पैकी २८ गुण अनिवार्य, अंतर्गत मूल्यमापनामध्ये ३० पैकी १२ गुण अनिवार्य.

३. Award of class:

1.Percentage to Grades and Grade Points

The following formula may be used to convert marks (%) into letter grades.

Let $\bar{X}$ = mean of % age marks of all student appeared in the paper.

σ = Standard deviation

m = % of marks obtained

Letter grade	Numerical grade	Formula
O (outstanding)	10	$m \geq \bar{X} + 2.5\,\sigma$
A+ (Excellent)	9	$\bar{X} + 2.0\,\sigma \leq m < \bar{X} + 2.5\,\sigma$
A (Very Good)	8	$\bar{X} + 1.5\,\sigma \leq m < \bar{X} + 2.0\,\sigma$
B+ (Good)	7	$\bar{X} + 1.0\,\sigma \leq m < \bar{X} + 1.5\,\sigma$
B (Above average)	6	$\bar{X} \leq m < \bar{X} + \sigma$
C (Average)	5	$\bar{X} - 0.5\,\sigma \leq m < \bar{X}$
D (Pass)	4	$\bar{X} - \sigma \leq m < \bar{X} - 0.5\,\sigma$
F (Fail)	0	$m < \bar{X} - \sigma$
Ab (Absent)	0	

* Minor variations may be adjusted by the individual institution.

६ Structure of Course:

Year	Semester	Core Courses (CC)	Discipline Specific Elective Courses (DSE)	Generic Elective(GE)
F.Y.B.A.	1	CC – 1 A (3)		
	2	CC – 1 B (3)		
S.Y.B.A.	3	CC – 1 C (2)	DSE 1 A (3) DSE 2 A (3)	
	4	CC – 1 D (2) CC – 3 D (1)	DSE 1 B (3) DSE 2 B (3)	
T.Y.B.A.	5	CC – 1 E (2)	DSE 1 C (3) DSE 2 C (3)	
	6	CC – 1 F (2)	DSE1 D (3) DSE 2 D (3)	GE 2 B (2)

७ Work Load:

१. १ श्रेयांक : १५ तास
२. १ तास : ६० मिनिट
३. १ सत्र : ३ श्रेयांक

८ Subject wise Detail Syllabus & Recommended books:

F.Y.B.A. (प्रथम वर्ष कला)

निवड आधारित श्रेयांक पद्धत (Choice Based Credit System)

पहिले सत्र

विषयाचे नाव : मराठी साहित्य : कथा आणि भाषिक कौशल्यविकास [CC-1 A]

अभ्यासक्रमाची उद्दिष्टे :

१. कथा या साहित्यप्रकाराची ओळख करून देणे.
२. कथा या साहित्यप्रकाराचे स्वरूप, घटक आणि प्रकार यांची ओळख करून देणे.
३. विविध साहित्यप्रवाहांमधील कथा या साहित्यप्रकारातील निवडक कथांचे अध्ययन करणे.
४. भाषिक कौशल्यविकास करणे.

पहिले सत्र :

घटक	तपशील	श्रेयांक	तासिका
१	कथा : स्वरूप आणि वाटचाल कथा : घटक कथा : प्रकार (रचनाप्रकार आणि प्रवाह)	१	१५
२	अभ्यासपुस्तक : **समकालीन मराठी कथा** अक्षरबंध प्रकाशन, पुणे संपादक : प्रा. डॉ. शिरीष लांडगे, प्रा. डॉ. दिलीप पवार, प्रा. डॉ. संदीप सांगळे	१	१५
३	भाषिक कौशल्यविकास नैसर्गिक : आकलनासह श्रवण अर्जित : संभाषण, वाचन, लेखन, इ-संवाद कौशल्य प्रगत : सारग्रहण, सारांशलेखन	१	१५

संदर्भ ग्रंथ

१. मराठी साहित्य : प्रेरणा आणि स्वरूप, संपादक डॉ. गो. मा. पवार, डॉ. म. द. हातकणंगलेकर

२. साहित्यमूल्य आणि अभिरुची, डॉ. गो. मा. पवार

३. काही साहित्यिक : काही साहित्यकृती, डॉ. भीमराव कुलकर्णी

४. साहित्य अध्यापन आणि प्रकार, वा. ल. कुलकर्णी गौरव ग्रंथ, संपादक श्री. पु. भागवत, डॉ. सुधीर रसाळ

५. कथा : संकल्पना आणि समीक्षा, सुधा जोशी, मौज प्रकाशन

६. मराठी कथा : विसावे शतक, संपादक के. ज. पुरोहित, सुधा जोशी

७. व्यावहारिक मराठी, पुणे विद्यापीठ प्रकाशन, पुणे.

८. व्यावहारिक मराठी, डॉ. कल्याण काळे, डॉ. दत्तात्रय पुंडे, निराली प्रकाशन, पुणे.

९. व्यावहारिक मराठी, डॉ. लीला गोविलकर, डॉ. जयश्री पाटणकर, स्नेहवर्धन प्रकाशन, पुणे.

१०. व्यावहारिक मराठी, डॉ. सयाजीराजे मोकाशी, प्रा. रंजना नेमाडे

११. व्यावहारिक, उपयोजित मराठी आणि प्रसारमाध्यमांची कार्यशैली, संपादक डॉ. संदीप सांगळे, डायमंड पब्लिकेशन, पुणे.

१२. मराठी भाषेची संवाद कौशल्ये (पुस्तक क्र.१ ते ८) य. च. म. मुक्त विद्यापीठ, नाशिक.

१३. व्यावहारिक मराठी, डॉ. ल. रा. नसिराबादकर, फडके प्रकाशन, कोल्हापूर.

१४. नवभारत, व्यावहारिक मराठी विशेषांक, ऑगस्ट – सप्टेंबर, १९८२, प्राज्ञ पाठशाला, वाई.

१५. प्रसारमाध्यमांसाठी लेखन कौशल्ये, य. च. म. मुक्त विद्यापीठ, नाशिक.

१६. कहाणी वर्तमानपत्राची, चंचल सरकार, अनुवाद, दिनकर गांगल, नॅशनल बुक ट्रस्ट.

१७. वैखरी, भाषा आणि भाषा व्यवहार, अशोक केळकर

१८. प्रसारमाध्यमे आणि मराठी भाषा, संपादक डॉ. भास्कर शेळके.

१९. व्यावहारिक मराठी भाषा, शरदिनी मोहिते

२०. व्यावहारिक आणि उपयोजित मराठी, डॉ. मनोहर रोकडे

२१. व्यासपीठ, डॉ. महादेव वाळुंज, अक्षरमानव प्रकाशन, पुणे.

२२. मराठी भाषा उपयोजन आणि सर्जन, प्रा. सुहासकुमार बोबडे

२३. पारिभाषिक संज्ञा कोश (इंग्लिश - मराठी) डॉ. स्नेहल तावरे.

२४. भाषांतर मीमांसा, कल्याण काळे, अंजली सोमण, प्रतिमा प्रकाशन, पुणे.

२५. व्यावहारिक मराठी, संपादक डॉ. स्नेहल तावरे, स्नेहवर्धन प्रकाशन, पुणे.

२६. उपयोजित मराठी, डॉ. केतकी मोडक, प्रा. सुजाता शेणई, संतोष शेणई

२७. व्यावहारिक मराठी, प्रकाश परब, मिथुन प्रकाशन, १८८९,डोंबिवली (पूर्व)

२८. भाषा संचालनालय, महाराष्ट्र शासनाने प्रकाशित केलेले विविध कोश

२९. साहित्यिक गौरी देशपांडे, महादेव वाळुंज.

३०. बाबुराव बागुलांच्या कथेतील दलित स्त्री, राजाभाऊ भैलुमे.

३१. दलित व दलितेतरांची कथा : एक अभ्यास, श्रीराम गडकर

३२. https://www.maayboli.com/node/62738

३३. https://m.maharashtratimes.com/editorial/samwad/predictive-reviews-of-rural problems/amp_articleshow/68120291.cms

३४. https://marathi.pratilipi.com/

३५. https://www.youtube.com/watch?v=uMMRRXj-54Q&feature=youtu.be

३६. https://mr.m.wikipedia.org/wiki/%E0%A4%97%E0%A5%8C%E0%A4%B0%E0%A5%80_%E0%A4%A6%E0%A5%87%E0%A4%B6%E0%A4%AA%E0%A4%BE%E0%A4%82%E0%A4%A1%E0%A5%87

३७. https://www.bbc.com/marathi/india-43021905

३८. https://www.loksatta.com/lekh-news/indian-women-authors-gauri-deshpande-chaturang-anniversary-issue-1761601/

३९. https://mr.m.wikipedia.org/wiki/%E0%A4%AD%E0%A4%BE%E0%A4%B8%E0%A5%8D%E0%A4%95%E0%A4%B0_%E0%A4%9A%E0%A4%82%E0%A4%A6%E0%A4%A8%E0%A4%B6%E0%A4%BF%E0%A4%B5

दुसरे सत्र

विषयाचे नाव : मराठी साहित्य : एकांकिका आणि भाषिक कौशल्यविकास [CC-1 A]

अभ्यासक्रमाची उद्दिष्टे :

१. एकांकिका या साहित्यप्रकाराची ओळख करून देणे.
२. एकांकिका या साहित्यप्रकाराचे स्वरूप, घटक आणि प्रकार यांची ओळख करून देणे.
३. मराठी साहित्यातील निवडक एकांकिकांचे अध्ययन करणे.
४. भाषिक कौशल्यविकास करणे.

घटक	तपशील	श्रेयांक	तासिका
१	एकांकिका : स्वरूप एकांकिका : घटक एकांकिका : संहितामूल्य व प्रयोगमूल्य	१	१५
२	अभ्यासपुस्तक : **मराठी एकांकिका** **(विठ्ठल तो आला आला – पु. ल. देशपांडे, हंडाभर चांदण्या – दत्ता पाटील)** पद्मगंधा प्रकाशन, पुणे संपादक : प्रा. डॉ. शिरीष लांडगे, प्रा. डॉ. बाळकृष्ण लळीत, प्रा. डॉ. भास्कर ढोके	१	१५
३	भाषा उपयोजनाची विविध आविष्कार रूपे संवादलेखन कल्पनाविस्तार घोषवाक्य लेखन भाषांतर	१	१५

संदर्भ ग्रंथ

१. एकांकिका वाटचाल, संपादक श्री. रं. भिडे व इतर, सोमय्या पब्लिकेशन, मुंबई, १९६९.

२. निवडक मराठी एकांकिका, संपादक सुधा जोशी, साहित्य अकादमी, दिल्ली, १९८३.

३. निवडक एकांकिका, वि.भा. देशपांडे, १९७७.

४. सर्वोत्कृष्ट मराठी एकांकिका, प्रभाकर नारायण परांजपे, सुपर्ण प्रकाशन, पुणे, १९४८.

५. मराठी एकांकिका तंत्र व विकास, श्री. रं. भिडे, सुपर्ण प्रकाशन, पुणे.

६. एकांकिका विचार आणि सर्वोत्तम एकांकिका, जयंत पवार व इतर, नेहरू सेंटर प्रकाशन, मुंबई १९९३.

७. टॅक्स फ्री आणि इतर एकांकिका (प्रस्तावना), चंद्रशेखर फणसळकर, कॉन्टिनेन्टल प्रकाशन, पुणे १९९५.

८. समग्र एकांकिका भाग १ व २, विजय तेंडुलकर, पॉप्युलर प्रकाशन, मुंबई, २००४.

९. चतुरंग सवाई एकांकिका, संपादक चतुरंग परिवार, १९८८-२०१२ रौप्यमहोत्सवी वाटचाल विशेषांक.

१०. https://www.youtube.com/watch?v=0fnZMG8zdpk

प्रश्नपत्रिकेचे स्वरूप : पहिले आणि दुसरे सत्र

विद्यापीठ सत्र परीक्षा		
वेळ : ३ तास	घटकनिहाय प्रश्न तपशील	**गुण : ७०**
प्रश्न क्रमांक		गुण
प्रश्न १ ला	२ पैकी १ प्रश्नाचे उत्तर प्रत्येकी १५० शब्दांपर्यंत (घटक १)	१०
प्रश्न २ रा	४ पैकी २ प्रश्नांची उत्तरे प्रत्येकी १५० शब्दांपर्यंत (घटक २)	२०
प्रश्न ३ रा	२ पैकी १ प्रश्नाचे उत्तर प्रत्येकी ३०० शब्दांपर्यंत (घटक २)	२०
प्रश्न ४ था	४ पैकी २ प्रश्नांची उत्तरे प्रत्येकी १५० शब्दांपर्यंत (घटक ३)	२०
सत्र परीक्षा एकूण गुण		**७०**
अंतर्गत मूल्यमापन		
लेखी परीक्षा (घटक २)		२०
प्रकल्प / गटचर्चा / गृहपाठ / चर्चासत्र / उपक्रम सहभाग / अभ्यासभेट (घटक ३)		१०
अंतर्गत मूल्यमापन एकूण गुण		**३०**
सत्र परीक्षा आणि अंतर्गत मूल्यमापन एकूण गुण		**१००**
अंतर्गत मूल्यमापनाचे नियोजन महाविद्यालयाने करावे. विद्यापीठाच्या निर्देशानुसार विहित मुदतीत गुण विद्यापीठाकडे पाठवावे.		
विद्यार्थ्यांचे अंतर्गत मूल्यमापनविषयक लेखन / तपशील विद्यापीठाच्या निर्देशानुसार, विहित कालावधीपर्यंत महाविद्यालयाकडे जमा असणे आवश्यक आहे.		

F.Y.B.A. (प्रथम वर्ष कला)

निवड आधारित श्रेयांक पद्धत (Choice Based Credit System)

पहिले सत्र

पर्यायी अभ्यासक्रम

विषयाचे नाव : व्यावहारिक व उपयोजित मराठी भाग १ [CC-1 A]

अभ्यासक्रमाची उद्दिष्टे :

१. संज्ञापनातील भाषेची भूमिका, विविध भाषिक आविष्कारांचे स्वरूप समजावून घेणे. भाषिक कौशल्यांची क्षमता विकसित करणे.
२. भाषिक कौशल्यांचे विविध आविष्कार आणि संपर्कमाध्यमे यांचा परस्परसंबंध समजावून घेणे व उपयोजन करणे.
३. मराठीचा कार्यालयीन, व्यावसायिक कामकाजात भाषेचे उपयोजन, गरज व स्वरूप या विशेषांची माहिती करून घेणे.
४. कार्यालयीन, व्यावसायिक भाषाव्यवहारासाठी आवश्यक लेखनकौशल्याचे संपादन व उपयोजन करणे.

घटक	तपशील	श्रेयांक	तासिका
१	१. जीवन व्यवहारातील भाषेचे स्थान : भाषा स्वरूप व व्याख्या, आविष्करणाचे प्रकार, मौखिक व लिखित.जीवनक्षेत्रे व भाषा उपयोजन २. भाषिक कौशल्ये : १. नैसर्गिक - आकलनसह श्रवण, २. अर्जित – संभाषण, वाचन व लेखन	१	१५
२	१. अर्जलेखन- विनंती अर्ज, नोकरीसाठी अर्ज, तक्रार अर्ज, माहितीच्या अधिकारातील अर्ज. २. निबंध लेखन - वर्णनात्मक,चर्चात्मक आणि ललित (प्रत्यक्ष निबंधलेखन करणे अपेक्षित)	१	१५
३	प्रगत भाषिक कौशल्ये : १. सारांश लेखन २. सारग्रहण ३. भाषांतर (प्रत्यक्ष लेखन करणे अपेक्षित)	१	१५

दुसरे सत्र

पर्यायी अभ्यासक्रम

विषयाचे नाव : व्यावहारिक व उपयोजित मराठी भाग १ [CC-1 A]

घटक	तपशील	श्रेयांक	तासिका
१	संवाद लेखन : १. विविध माध्यमांसाठी होणारे संवाद. २. सुचविलेल्या प्रसंगावर आधारित संवाद लेखन ३. ई -संवाद (ई-मेल)	१	१५
२	भाषांतर : १. भाषांतर म्हणजे काय ? भाषांतर शास्त्र की कला ? २. भाषांतराची आवश्यकता, भाषांतर करताना येणाऱ्या अडचणी. ३. भाषांतर आणि रूपांतर, लक्ष्यनिष्ठ आणि मूलनिष्ठ भाषांतर. ४. इंग्लिश उताऱ्याचे मराठी अथवा हिंदी भाषांतर.	१	१५
३	उपयोजित मराठीची आविष्कार रूपे : १. टिप्पणी लेखन २. इतिवृत्त लेखन ३. घोषणा पत्रक ४. हस्तपत्रक ५. घडीपत्रक ६. स्मरणपत्र ७. स्मरणिका निर्मितीचा आराखडा ८. आशयलेखन (Content Writing) ९. जाहिरात लेखन.	१	१५

संदर्भ ग्रंथ

१. व्यावहारिक मराठी, पुणे विद्यापीठ प्रकाशन, पुणे.
२. व्यावहारिक मराठी, डॉ. कल्याण काळे, डॉ. दत्तात्रय पुंडे, निराली प्रकाशन, पुणे.
३. व्यावहारिक मराठी, डॉ. लीला गोविलकर, डॉ. जयश्री पाटणकर, स्नेहवर्धन प्रकाशन, पुणे.
४. व्यावहारिक मराठी, डॉ. सयाजीराजे मोकाशी, प्रा. रंजना नेमाडे
५. व्यावहारिक मराठी, डॉ. ल. रा. नसिराबादकर, फडके प्रकाशन, कोल्हापूर
६. प्रसारमाध्यमांसाठी लेखन कौशल्ये, य.च.म.मुक्त विद्यापीठ, नाशिक.
७. कहाणी वर्तमानपत्राची, चंचल सरकार अनुवाद, दिनकर गांगल, नॅशनल बुक ट्रस्ट
८. द्विभाषी व्यावहारिक शब्दकोश (इंग्लिश - मराठी) गणेश ओतुरकर
९. प्रसारमाध्यमे आणि मराठी भाषा, संपादक डॉ. भास्कर शेळके.

१०. व्यावहारिक मराठी भाषा, शरदिनी मोहिते
११. भाषांतर मीमांसा, डॉ. कल्याण काळे
१२. व्यावहारिक, उपयोजित मराठी आणि प्रसारमाध्यमे, संपादक डॉ. संदीप सांगळे
१३. व्यावहारिक आणि उपयोजित मराठी, डॉ. मनोहर रोकडे
१४. मराठी भाषा उपयोजन आणि सर्जन, प्रा. सुहासकुमार बोबडे
१५. उपयोजित मराठी, डॉ. केतकी मोडक, प्रा. सुजाता शेणई ,संतोष शेणई
१६. व्यावहारिक मराठी, प्रकाश परब
१७. व्यावहारिक मराठी, संपादक डॉ. स्नेहल तावरे, स्नेहवर्धन प्रकाशन, पुणे.
१८. निबंध : शास्त्र व कला, डॉ. प्र. न. जोशी
१९. निबंध व लेखन, निर्मला किराणे.
२०. भाषांतरमीमांसा, संपादक डॉ. रमेश वरखेडे, य. च. म. मुक्त विद्यापीठ, नाशिक.

प्रश्नपत्रिकेचे स्वरूप : पहिले आणि दुसरे सत्र

विद्यापीठ सत्र परीक्षा		
वेळ : ३ तास	घटकनिहाय प्रश्न तपशील	**गुण : ७०**
प्रश्न क्रमांक		गुण
प्रश्न १ ला	४ पैकी २ प्रश्नांची उत्तरे लिहिणे. (घटक १)	२०
प्रश्न २ रा	४ पैकी २ प्रश्नांची उत्तरे लिहिणे. (घटक २)	२०
प्रश्न ३ रा	४ पैकी २ प्रश्नांची उत्तरे लिहिणे. (घटक ३)	३०
सत्र परीक्षा एकूण गुण		**७०**
अंतर्गत मूल्यमापन		
लेखी परीक्षा		२०
प्रकल्प / गटचर्चा / गृहपाठ / चर्चासत्र / उपक्रम सहभाग / अभ्यासभेट		१०
अंतर्गत मूल्यमापन एकूण गुण		**३०**
सत्र परीक्षा आणि अंतर्गत मूल्यमापन एकूण गुण		**१००**
अंतर्गत मूल्यमापनाचे नियोजन महाविद्यालयाने करावे. विद्यापीठाच्या निर्देशानुसार विहित मुदतीत गुण विद्यापीठाकडे पाठवावे.		
विद्यार्थ्यांचे अंतर्गत मूल्यमापनविषयक लेखन / तपशील विद्यापीठाच्या निर्देशानुसार, विहित कालावधीपर्यंत महाविद्यालयाकडे जमा असणे आवश्यक आहे.		

SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)

F.Y.B.A. in Economics

SYLLABUS

(Credit and Semester System)

(To be implemented from the Academic Year, 2019-20)

F.Y.B.A. Economics

G-1 Indian Economic Environment

Annexure –II

1) Title of the course:

   Class: F.Y.B.A.

   Subject: Economics.

   Title: Year of Implementation: From June - 2019

2) Preamble of the syllabus:

   The proposed curriculum is with an objective to enhance the existing syllabus, make it contextual as well as applicable and to incorporate all the latest changes in the national economy. The board examined the short comings of the existing syllabus and expressed the need to change it. While doing so the board analyzed other curricula of existing universities in respective subjects in terms of content, relevance, quality and pattern of teaching that has been synthesized in the present proposal. While framing the draft of syllabus, guidance from industrial experts and professionals was seeked.

   The present era is that of structural transformation especially within the country. Moreover fast changing international scenario and approach of other countries towards our human resource makes it mandatory for the educational system to impart latest knowledge to our students, so that they are prepared to merge themselves in the challenging economic and corporate environment.

   Hence, a change in the paper and restructuring of syllabus becomes imperative. The syllabus needs to be holistic in nature. It should be contextual and clear the basics of economics but at the same time it should teach application of the theories in day to day life.

   In the modern world, competition is an inseparable part of our lives. To inculcate a competitive spirit among the students, the syllabus should include all the recent advancement with in and out of the country with its pros and cons.

3) Objectives of the paper

- To familiarize the students with the recent developments in the Indian Economy
- To provide the students with the background of the Indian Economy with focus on contemporary issues like economic environment.
- To help the students to prepare for varied competitive examinations
- To enable students to understand and comprehend the current business scenario, agricultural scenario and other sectorial growth in the Indian context. To make the student aware of the developments such as MSMEs, Digital Economy, E-Banking, BPO & KPO, etc.

  Programme Outcome:
- Ability to develop an understanding of the economic environment and the factors affecting economic environment.
- Ability to develop awareness on the various new developments in the different sectors of an economy – agriculture, industry, services, banking, etc.
- Ability to compare and contrast Indian Economy with other world economies.
- At the end of the course, the student should be able discuss and debate on the various issues and challenges facing the Indian Economic Environment.

4) Introduction:

   Semester system with the pattern of 70:30

5) Eligibility:

   Students who have passed 12^{th} standard from any stream with minimum 35% of marks in all the subjects. (as per the rule of affiliating SPPU)

6) Examination:

   A) Pattern of examination: 70:30

i) Internal university examination of 70 marks with internals of 30 marks

ii) Pattern of question paper: pattern for 70 marks

- Question Number 1: 8 questions to be answered out of 10 with total marks 16
- Question Number 2: 4 questions to be answered out of 6 with total marks of 16
- Question Number 3: 3 questions to be answered out of 4 with total marks of 18
- Question Number 4: 2 questions to be answered out of 3 with total marks of 20

iii) Duration for 70 marks: 3 Hrs

iv) Pattern for 30 marks:

- Internal exam (20 marks)
- PPT (oral or poster)/ Project work/Assignments/visits (10 marks)

v) Unit wise classification of marks

Unit	Name of the Chapter	Distribution of marks
Semester 1		
Unit 1	Introduction	23
Unit 2	Agricultural Environment	23
Unit 3	Industrial Environment	24
	Total	**70**
Semester 2		
Unit 1	Service Sector Environment	20
Unit 2	Banking Environment	25
Unit 3	Overview of Indian economy	25
	Total	**70**

B) Standard of Passing:

To pass, the candidate must obtain at least 40% in individual subjects, in internal assessment and in university examination each in all the papers.

C) ATKT rules

As per the rules of SPPU, a student can have maximum two papers as backlog and go to second year.

D) Award of Class:

i. Those successful candidates who obtained 40 % and above of the total aggregate marks in all subjects for internal assessment and university examination taken together at one and same sitting, shall be placed in Pass Class.

ii. Those successful candidates who obtained 50 % and above of the total aggregate marks in all subjects for internal assessment and university examination taken together at one and same sitting, shall be placed in Second Class.

iii. Those successful candidates who obtained 55 % and above of the total aggregate marks in all subjects for internal assessment and university examination taken together at one and same sitting, shall be placed in Higher Second Class.

iv. Those successful candidates who obtained 60 % and above of the total aggregate marks in all subjects for internal assessment and university examination taken together at one and same sitting, shall be placed in First Class.

v. Those successful candidates who obtained 70 % and above of the total aggregate marks in all subjects for internal assessment and university examination taken together at one and same sitting, shall be placed in First Class with

E) External students:

The students who appear for the examinations without attending any college and take admission in the university as external students will be considered as external students.

F) Setting of question paper/pattern of question paper

Question papers will be set by the panel of paper setters appointed by Savitribai Phule Pune University.

G) Verification/ revaluation

Verification and or revaluation will be done by panel appointed by Savitribai Phule Pune University.

7) Structure of the course

a) Compulsory paper:

Only one paper will be given without and optional subject

b) Optional paper

No subjects are optional.

c) Medium of instructions:

Medium of instruction for the paper will be both Marathi and English.

Structure of the entire course

BA Economics			
FY	G1	Indian Economic Environment	2019-20
SY	G2	Financial System	2020-21
SY	S1	Micro Economics	2020-21
SY	S2	Macro Economics	2020-21
TY	G3	Public Finance	2021-22
TY	S3	International Economics	2021-22
TY	S4	Economics of Development	2021-22

8) Equivalence of previous syllabus with the proposed syllabus

The revised syllabus has changes in the name of the paper, topics and sub topics offered as compared to the old syllabus. The paper will make the syllabus more comprehensive and modified to suitably align with the changing Indian scenario. The paper will set an apt background for students to comprehend knowledge of economics in their academic career and apply the knowledge in their life.

9) University terms

Academic calendar of the affiliating university will be followed.

10) Subject wise detail syllabus

Semester 1		
Units	**Name and sub titles of the Chapter**	**No of lectures**
Unit 1	**Introduction**	**16**
	1.1 Meaning, Factors affecting Economic Environment- Economic, Political, Technological, Social & Cultural	08
	1.2 Challenges to Indian Economy: Natural Resources, Energy Resources, Education, Health, Environment	04
	1.3 Comparison of Indian Economy with the World Economy- Population, Agriculture, Industry and Service Sector	04
Unit 2	**Agricultural Environment**	**16**
	2.1 Role of Agriculture in Indian Economy	04
	2.2 Challenges to Indian Agriculture-Productivity, Rural Credit, Marketing, Rural Entrepreneurship	08
	Recent Trends in Indian Agriculture: Cropping pattern, Technology, Crop Insurance, Water Management, Agri-Business	04
Unit 3	**Industrial Environment**	**16**
	3.1 Role of Industry in Indian Economic Development	04
	3.2 Industrial Policy Resolution, 1991- Liberalization, Privatization and Globalization (LPG)	03
	3.3 Challenges to Indian Industry-Labour & Employment, Regional Imbalance, Finance, Technology	03
	3.4 Micro, Small and Medium Enterprises (MSME)- Definition & Role	03
	3.5 Recent trends in Indian Industry- Indian Multinationals & New Policies	03
Semester 2		
Unit 1	**Service Sector Environment**	**12**
	1.1 Role and Growth of Service Sector in Indian Economy	02

	1.2 Challenges to Indian Service sector- Business-based & Knowledge-based Sector, Education sector, Health sector, Insurance, Tourism, Banking	06
	1.3 Recent Trends in Indian Service Sector- Digital Economy, E-Commerce, E- Finance	04
Unit 2	**Banking Environment**	**18**
	2.1 Banking- Definition, Functions, Changing Structure of Banking in India- New Private Banks, Small Banks, Payment Banks	08
	2.2 Bank Accounts- Types, Procedure and Operation of Accounts	05
	2.3 Recent Trends in Indian Banking Environment- E-Banking, E- Wallets, Bank Mergers and Amalgamations	05
Unit 3	**Overview of Indian economy**	**18**
	3.1 Challenges of Indian Economy- Poverty, Employment, Inequality, Informal Sector	09
	3.2 Policy Measures (Two-Three recent Programmes)- Poverty Alleviation Programmes; Employment Generation Programmes; Agriculture Development Programmes, Skill Development Programmes ……..	09

11) Recommended books

Semester I: Basic Reading List

- Agrawal A.N., Problems of Development & Planning, (Latest Edition)
- Ashwani Mahajan, 'Indian Economy' S. Chand & Company Ltd., New Delhi.
- Cherunilam Francis, 'Business Environment-Text and Cases' Himalaya Publishing House(Latest Edition)
- Faisal Ahmed 'Business Environment: Indian and Global Perspective' PHL Learning Pvt. Ltd. (Latest Edition)
- Fernando A.C. (2014) 'Business Environment' Pearson Education,
- Misra & Puri, 'Business Environment', Himalaya Publication House, Mumbai. (Latest Edition)
- Misra & Puri, 'Indian Economy', Himalaya Publication House, Mumbai. (Latest Edition)

Recommended Reading

- Asian Development Bank (2009) 'Urban Poverty in India' BS Books

- Amit Kumar (2013) ‘SMEs in India in post-1990s Era: Challenges and Opportunities, LAP Lambert Academic Publishing
- Das Keshab (2011) ‘Micro and Small Enterprises in India: The Era of Reforms’ Routledge India
- Gopal and Suman Banhri (2013) Indian Economy Performance and Policies. Pearson Publication Delhi.
- C.S.Prasad(2006) ‘Sixtyyears of IndianAgriculture’New Century Publication, NewDelhi
- Indian Institute of Banking and Finance (2011) ‘Small and Medium Enterprises in India’ Taxmann
- Jaya PrakashPradhan (2008) ‘Indian Multinational in the World Economy: Implications for Development’, Bookwell Publications
- JagdishBhagwati, ArvindPangariay (2013) ‘Reforms and Economic Transformation in India’ OUP
- MohantyPrasanna (2014) ‘Cities and Public Policy’ Sage Publications
- Prakesh B.A. (2011) The Indian Economy Since 1991 Economic Reforms and performance, Pearson Publication Delhi.
- Thorat S. K (2008) ‘Reservation in Private Sectors’ Rawat Publications, ND

Semester II: Basic Reading List

- Agrawal A.N., Problems of Development & Planning, (Latest Edition)
- Ashwani Mahajan, ‘Indian Economy’ S. Chand & Company Ltd., New Delhi.
- Cherunilam Francis, ‘Business Environment-Text and Cases’ Himalaya Publishing House(Latest Edition)
- Faisal Ahmed, ‘Business Environment: Indian and Global Perspective’ PHL Learning Pvt. Ltd. (Latest Edition)
- Fernando A.C. (2014) ‘Business Environment’ Pearson Education,
- Misra& Puri, ‘Business Environment’, Himalaya Publication House, Mumbai. (Latest Edition)
- Pathak, Bharati [2009] ‘The Indian Financial System”, ’Pearson Education Publication, New Delhi.

Recommended Reading

- Bhasin, Niti (2006) “Banking Developments in India 1947 to 2007” New Century Publications.
- Bhadane Jaywant R. (2018) ‘Cashless India and Digital Economy’ International Publications, Kanpur
- Dasgupta Sukti, Sher Singh Verick (2016) ‘Transformation of Women at Work in Asia: An Unfinished Development Agenda, Sage
- Paul Justin (2010) ‘Business Environment-Text and Cases’ Tata McGraw Hill
- Khanna Tarun (2008) ‘Billions of Entrepreneurs: How India and China are Reshaping their Future and Yours’ Penguin India
- Kapila Uma (ed) Indian Economy Since Independence, Academic Foundation(2003)
- Panagariya Arvind (2010) ‘India: The Emerging Giant’ Oxford University Press
- Sobhan Rehman (2010) ‘Challenging the Injustice of Poverty: Agendas for inclusive Development in South Asia’ Sage
- Samanta R.K. (2000) “New Vista in Rural Development Strategies and Approaches” B.R. Publishing Corporation New Delhi
- Spana Newar, Tanvi Gaur (2015) ‘Economic Environment in India, Think Tank Publications, Jaipur

12) Qualification of teachers:

Qualification of teachers as per norms of SPPU will be masters in Economics and SET/NET/Ph.D.

Savitribai Phule Pune University
SY BBA Semester III (CBCS) Pattern 2019
Principles of Human Resource Management
Course Code– GC - 301
Credits - 3

Depth of the Course: Fundamental knowledge

Course Objectives:

1.To introduce the basic concepts of Human Resource Management.
2. To cultivate right approach towards Human Resource and their role in business.
3. To create awareness about the various trends in HRM among the students.

Unit No.	Unit Title	Contents	Purpose & Skills to be develop
1	**Introduction to HRM**	**Introduction to HRM**- Meaning, Definition, Features, Scope, Objectives, Importance, Principles of HRM, Evolution of HRM, Functions of HRM, Challenges of HRM, Role of HR Manager, Difference between HRM& Personnel Management, Challenges before HRM	1. To understand the basic concept of HRM and develop knowledge about the various functions of HRM. 2. To understand the different roles the HR performs in an organisation
2	**Job Analysis &Planning for Human Resources**	**Job Analysis-** Meaning, Definition, Objectives, Benefits, Methods, Job Analysis Components- Job Description, Job Specification, Job Evaluation **Human Resource Planning(HRP)-** Meaning, Definition, Objectives, Process, Factors Influencing the Estimation of Human Resource in Organisation, Advantages & Limitations/Barriers of HRP. **Caselets on Job Analysis & Human Resource Planning**	1. To make the students understand how Job Analysis & Human Resource Planning play an important role in the Organisation. 2. To develop an understanding of the different methods of Job Evaluation & Process of HRP in Specific Organisational functioning.
3	**Career Planning , Employee Morale & Job Satisfaction**	**Career Planning-** Meaning, Definition, Objectives, Process, Benefits and Stages. **Employee Morale & Job Satisfaction-** **Employee Morale-** Meaning, Definition, causes of low Morale, Job **Satisfaction-** Meaning, Definition, Factors contributing to Job Satisfaction, Measures to increase Job Satisfaction, Advantages of Job Satisfaction	1.To cultivate the knowledge about Career Planning, Employee Morale & Job Satisfaction among students. 2.To provide knowledge to the students regarding Career Planning which will help/motivate them to

		Caselets on Career Planning, Employee Morale & Job Satisfaction.	climb-up the Career Ladder through higher performance in the organisation. 3. To study the factors contributing to Job Satisfaction and its benefit in the Organisation.
4	**HRM in Changing Environment &Trends in HRM**	Work force Diversity, Technological Changes & HRM, International HRM, E- Human Resource Management, Human Resource Information System (HRIS), HRM in Virtual Organisations, Work from Home, Out-Sourcing, Changing Role of HRM.	1. To make the students aware about Changing Environment of HRM. 2. To understand the different HRM trends.

Teaching Methodology

Teaching Hours Theory + Tutorials /Project Practical –as applicable	Innovative methods to be used	Expected Outcome
Unit 1 (13 hrs)	Interactive teaching methods to be adopted. Role-Play on Challenges before HRM & Ice breaking sessions can be conducted for effective learning. Student Presentations.	1. Describe the basic concept of HRM. 2. Develop knowledge about the functions and different roles of HR Manager. 3. Understand the challenges before HRM
Unit 2 (13 hrs)	Job Analysis Report. Caselets solution sessions and discussion on the same.	1. Understanding the importance of Job Analysis & Human Resource Planning in the Organisation. 2. Develop the Problem- solving and decision making skills.
Unit 3 (13 hrs)	Employee Morale & Job Satisfaction Survey-its basic analysis & Presentation. Caselets solution sessions and its discussion.	1. Development of basic ability to think about Employee Morale and Job Satisfaction. 2. Development of problem-solving and decision-making skills.

Unit 4 (9 hrs)	Student Presentations. Lab Activity.	1. Understand the Changing Environment of HRM and its effects. 2. The students must learn the recentHRM trends with the help of Lab Activities.

Evaluation

Unit Number	**Internal Evaluation**		**External Evaluation**
	Evaluation of students on the basis of	**Marks**	
I	**1. Role Play.**	**30**	**25% MCQ 35% short notes 40% long answers**
II	**1. Report. 2. Caselet Solution & Discussion**		
III	**1. Survey Analysis & Presentation. 2. Caselet Solution & Discussion.**		
IV	**1. Lab Activity 2. Presentation**		
	Total –	**30**	**70**

Suggested References:

Sr. No.	**Title of the Book**	**Author/s**	**Publication**	**Place**
1	Human Resource Management	L. M. Prasad	Sultan Chand & Company Ltd.	New Delhi
2	Human Resource Management	K. Ashwathappa	Tata McGraw Hill	New Delhi
3	Personnel Management	C. B. Mamoria	Himalaya Publishing House	Mumbai
4	Personnel & Human Resource Management	A. M. Sharma	Himalaya Publishing House	Mumbai
5	Human Resource Management	S. S. Khanka	Sultan Chand & Company Ltd.	New Delhi

S.Y. BBA Semester III (CBCS) Pattern 2019
Supply Chain Management
Course Code: GC - 302
Credits -3

Depth of the Course- Reasonable working knowledge.

Course Objectives:

1. To enable the students to have a comprehensive understanding of Supply Chain Management.
2. To understand key concepts and issues of Logistics and Inventory Management.
3. To understand Warehousing and its role in Space Management.

Unit No.	Unit Title	Contents	Purpose & Skills to be develop
1	**Introduction to Supply Chain Management (SCM)**	Concept, Objectives and Functions of Supply Chain Management, Supply Chain Strategy, Global Supply Chain Management, Value Chain and Value Delivery Systems for SCM, Bull-Whip Effect, Concept, Importance and Objectives of Green Supply Chain Management.	• To understand the functions of Supply Chain Management. • To know what is Bull-Whip Effect. • To understand the concept of Green Supply Chain Management. .
2	**Manufacturing and Warehousing**	Manufacturing Scheduling, Manufacturing Flow System, Work- Flow Automation, Material Handling System Design and Decision.Warehousing and Store Keeping, Strategies of Warehousing and Storekeeping, Space Management.	• To know the process of Work Flow Automation. • To understand Space Management. • To acquaint the students with different Strategies of Warehousing.
3	**Logistics Management and IT in Supply Chain Management**	Logistics Management, Integrated Logistics Management, Logistics Planning and Strategy, Inventory Management and its Role in Customer Service. Information and Communication Technology	• To learn the methods of Logistics Planning. • To know the role of Inventory Management in Customer Service.

		in SCM, Role of IT in SCM, Current IT Trends in SCM, RFID, Barcoding. Retail SCM, Problems and Prospects.	• To understand the role of Information Technology in SCM.
4	**Key Operation Aspects in Supply Chain**	Supply Chain Network Design, Distribution Network in Supply Chains, Channel Design, Factors Influencing Design, Role and Importance of Distributors in SCM, Role of Human Resources in SCM. Issues in Workforce Management and Relationship Management with Suppliers, Customers and Employees, Linkage between HRM and SCM.	• To learn the Supply Chain Network Design. • To know the Role of Distributors in SCM. • To understand Relationship Management with Customers and Employees

Teaching Methodology:

Unit No.	**No. of lectures**	**Innovative Methods to be used**		**Expected Outcome**
1	12	Visit any industry and list out the activities which come under Supply Chain Management Role play of Bull-Whip Effect. Group discussion on Green Supply Chain Management.	Prepare a chart on Manufacturing Flow System	• The students must understand the functions of Supply Chain Management. • The students must gain practical knowledge of Bull-Whip Effect
2	10	Take students out to different Plant Locations to make them understand the Work-Flow Automation Visit a company and List out Space Management techniques used by them.	Prepare a write-up on storekeeping with a live example .	• The students must understand the importance of Space Management. • The students must understand different types of Plant layout and their SCM

3	13	With the help of case study teach different methods of Logistic Management in an industry. Analysis of role of Inventory Management in Customer Service. List out the functions of IT in SCM	A mini presentation on Current IT Trends in SCM	The student must learn different methods of Logistic Management. The students must understand the role of Information Technology in SCM
4	13	Group discussion Role of Human Resources in SCM. Describe the Functions of Quality Circles in an industry	Prepare a research based report on Issues in Workforce Management and Relationship Management with Suppliers,	To understand the various Operation Aspects in Supply Chain To understand the linkage between HRM and SCM

Evaluation Methods:

Unit No	Internal Evaluation	External Evaluation
1	1 MCQ on concept meaning, classification of SCM 2 Open Book Test 3 Presentation on Value Chain and Value Delivery Systems for SCM.	**25% MCQ** **35% Short notes** **40% Long answers**
2	1 Presentations on Different Material Handling System Design used by companies. 2 Case Study on actual factors affecting Store Keeping. 3 Chart making on Manufacturing Flow System.	
3	1 MCQ on Logistics Management 2 Situation Analysis- Problems and Prospects of Retail in	

	SCM. 3 Presentations on Role of IT in Supply Chain Management	
4	1 Case study on: Issues in Workforce Management 2 Situation Analysis of actual factors affecting Distributors in SCM	
Total	**30**	**70**

Suggested References:

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Supply Chain Management for Global Competitiveness	B.S.Sahay.	Macmillan India Limited	India
2	Supply Chain Management	Sunil Chopra, Peter Meindl & D.V. Kalra.	Pearson Education	UK
3	The Supply Chain Handbook	James A. Tompkins, Dale A. Harmelink.	Tompkins Press	UK
4	Supply Chain Logistics Management	Donald Bowersox, David Clossand M. Bixby Cooper	McGraw-Hill Education;	India
5	Supply Chain Management: Text and Cases	Vinod V Sople	Pearson Education	UK
6	Logistical Management	Donald J.Bowersox & David J.Closs.	Tata McGraw-Hill	New Delhi
7	Designing and Managing the Supply Chain	David Simchi-Levi.	Tata McGraw-Hill Editions	New Delhi

Savitribai Phule Pune University
SY BBA Semester III (CBCS) Pattern 2019
Global Competencies and Personality Development
Course Code-GC- 303
Credits – 03

Depth of the course: Reasonable knowledge about Competencies and Personality Development.

Course objectives:

1. To build self-confidence, enhance self-esteem, and improve overall personality of the students.
2. To enhance global and cultural competencies of the students.
3. To groom the students for appropriate behaviour in social and professional circles.

Unit No.	Unit Title	Contents	Purpose & Skills to be developed
1	**Introduction to Personality and its Development**	• Definition and nature of personality • Characteristics of good personality • Determinants of personality development • Theories of personality development i. Psychoanalytical Theory by Sigmund Freud ii. Trait Theory by Allport and Big Five model iii. Social Cognition Theory by Albert Bandura	• To study the nature and meaning of personality. • To understand various factors affecting personality development of an individual. • To learn various theories of personality development.
2	**Global Competence and Self Development**	• Meaning and need of global competence. • Characteristics of globally competent individual (life-long learning, understanding cultural differences, adaptability, comfortable with change,	To understand the concept of Global Competence. To decipher the characteristics of globally competent individual and encourage students to develop that characteristics among themselves. To develop self- esteem and self-confidence of the students.

		problem-solving ability, critical and comparative thinking). • Building self-esteem and self confidence • SWOC Analysis and Personal Goal Setting	To introduce the concept of SWOC Analysis and encourage the students for personal Goal setting by providing theoretical as well as practical knowledge.
3	**Development of Social and Interpersonal Skills**	• Effective communication skills, Preparation for self-introduction. • Working on attitude i.e. Aggressive, assertive and submissive • Development of leadership skills and introduction to Leadership styles. • Team Building; develop ability to work under pressure, flexibility at workplace. • Social empathy, building blocks of social empathy and development of social empathy. • Social Responsibilities • Workplace ethics	• To explain various techniques for effective communication. • To train students for impressive self- introduction. • To introduce various methods for positive attitude development. • To explain various styles and qualities of leaders and encourage students for effective leadership. • To understand the structure of team and to develop ability to work under pressure and flexibility at workplace. • To develop social empathy and explain social responsibilities of the individual. • To introduce various workplace ethics.
4	**Projecting a Positive Social Image**	• Definition and importance of social image • Grooming basics and use of body language • Time management • Public-speaking • Proper e-mail and telephone etiquettes • International and social etiquettes • Social graces and table manners	• To explain the importance of positive social image of the individual. • To introduce basics of grooming and effective use of body language. • To explain the importance of the time management. • To develop ability of effective public speaking. • To train the students for writing e-mails and explain various telephone etiquettes. • To study various social and international etiquettes and table manners.

Teaching Methodology:

Teaching Hours	Innovative methods to be used	Expected Outcome
Unit 1-12	Selected video films on the theories of personality. Interactive sessions. Reading of reference books, magazines and articles and preparing notes by students.	To learn various theories of personality development.
Unit 2-11	Flipping the classroom- students will gather information by using various tools and techniques available. Activities for SWOC and goal setting, Expert Talk can be organized.	To understand the concept of Global Competence. SWOC Analysis by students and encourage the students for personal Goal setting by providing theoretical as well as practical knowledge.
Unit 3-13	Collaboration-few selected students can take responsibility to guide other students through the role play as a mentors, supervisors for the students. It also teaches students empathy, negotiation skills, teamwork, and problem-solving skills. Work together as a team- Project work can be given to the students in groups.	• To understand the structure of team as well as to develop ability to work under pressure and flexibility at work place. • To develop social empathy and explain social responsibilities of an individual.
Unit 4-12	Classes outside the classroom to understand social etiquettes, visit to corporate offices, seminars and conferences, public speech event etc. Activity of e-mail writing can be given to the students.	• The students should groom themselves and effective use of body language. • To develop the skills of managing the time. • To develop ability of effective public speaking. • To train the students for writing e-mails.

Evaluation:

Unit No.	Internal Evaluation	External Evaluation
Unit – I	**Presentation on Theories of Personality** **Prepare a chart on successful personalities**	

Unit – II	**Open book test.** **Assignments**	
Unit – III	**Small project on Effective Communication, Social Empathy and Team Building in a group with time limitation** **Prepare a small handbook on workplace ethics of by visiting some organization or on the basis of collected information through newspapers, corporate magazines and internet.**	**Fill in the blanks** **True and False** **Short answer question - 25%** **Short notes-35%** **Long answer questions-40%**
Unit – IV	**Power point presentation on international etiquettes,** **Writing of an e-mail.**	
Total –	**30**	**70**

Suggested references:

Sr. No.	**Title of the Book**	**Author/s**	**Publication**	**Place**
1	Personality development.	Swami Vivekananda	Adhyaksha Advaita Ashram	India
2	Personality Development and Communication skills.	C Rajya Lakshmi Kalyani, D S Vittal, AnithaRaju,	Himalaya Publishing House.	New Delhi,India
3	Effective Life Management.	Swami Amartyananda	Advaita Ashrama	India
4	Personality Development and Soft Skills.	BarunMitra	Oxford University Press	New Delhi,India
5	Soft Skills- Personality Development for Life Success.	Prashant Sharma	BPB Publication	New Delhi, India
6	Theories of Personality 4th Edition.	Hall CS, Lindsey G and Campbell J B	Wiley	New York

Savitribai Phule Pune University
SY BBA Semester III (CBCS) Pattern 2019
Fundamentals of Rural Development
SY BBA Course Code: GC - 304
Credit: 3

Depth of the Course: Functional Knowledge about Rural Development

Course Objectives:

1. To understand the development issues related to rural society.
2. To find the employment opportunities for rural youth.
3. To create interest among the rural youth to participate in rural development programmes and schemes for sustainable development.
4. To discourage seasonal and permanent migration to urban areas.

Unit No.	Unit Title	Contents	Purpose and Skills to be develop
1	Introduction to Rural Development	1.1 Concept of Rural Development- Meaning and Definition. 1.2 Scope and Importance of Rural Development. 1.3 Approaches of Rural Development. 1.4 Need of Rural Development.	• To provide sound knowledge about rural development.
2	Rural Development Planning & Management	2.1 Rural Development Planning –District Rural Development Agency (DRDA)- Organisation Structure 2.2 Functions of DRDA 2.3 NGO's and Rural Development 2.4 Self Help Groups (SHG's) formation	• The unit will help to gain knowledge regarding working in various Government and NGO's transformation.

3	Agriculture Enterprise & Agro-based industries.	3.1 Agricultural Entrepreneur- Meaning, Definition and Importance. 3.2 Agri-business Enterprises-Issues and prospectus 3.3 Micro-financing 3.4 Food and Agricultural Marketing and Management of agro products. 3.5 Agro-based industries	• It gives opportunities to students to develop good communication skills, gain knowledge of local languages, ability to handle masses and leadership skills. • They should develop problem-solving skills and the ability of working with clients with diverse interests. • Creation of interest of thereby planning for n farming.
4	Information Technology and Rural Development	4.1 Rural Development and Internet. 4.2 Information & Communication Technology (ICT) for Rural Development 4.3 IT –Enable Services for an e-village 4.4 Challenges of Rural Development	• To develop IT Skills. • To develop awareness regarding the challenges of Rural Development.

Teaching Methodology:

Teaching Hours Theory + Tutorials /Project Practical	Innovative methods to be used	Expected Outcome
Unit 1 (8 hrs)	1. Presentations. 2. Group Discussion on scope and importance of rural development.	1. Describes the importance of rural development 2. Better understanding of need for rural development
Unit 2 (14 hrs)	1. Debate/ Group discussion on "Role of SHG groups and their effectiveness". 1. Caselets solution sessions and discussion on same.	1. Describes determinants of Rural Development Planning 2. Develop the knowledge & ability of the students about the concepts of NGO's and Rural Development 3. Development of understanding of Functions of DRDA
Unit 3 (14 hrs)	1. Visit to Bhimthadijatra to understand concept of agroprenuership 2. Visit to financial institutions to understand Micro financing 3. Caselets solution sessions and discussion on same.	1. Describes determinants of agroprenuership 2. Understanding of problems associated with rural entrepreneurship. 3. Understanding the implementation of marketing initiatives

Unit 4 (12 hrs)	1. Role Play on role of internet and rural development. 2. Chart presentation on(ICT) for Rural Development 3. Project competition on IT –Enable Services for an e-village 4. Caselets solution sessions and discussion on same. 5. Students should collect the information about any one scheme of rural development and analyse it.	1. Understanding role of internet in rural development. 2. Develop the knowledge & ability of the students about the concepts ICT and e-development in villages. 3. Understanding challenges of rural development. 4. Candidates willing to for further research work, also suitable for the project.

Evaluation

Unit Number	**Internal Evaluation**		**External Evaluation**
	Evaluation of students on the basis of	**Marks**	
I	**1. Power point presentations on sub points**	**30**	**25% MCQ** **35% short notes** **40% long answers** **Fill in the blanks** **True and False** **Short answer question -25%** **Short notes -35%** **Long answer questions -40%**
II	**1. Debate/ Group Discussion Activities.** **2. Caselets Solution & Discussion**		
III	**1. Visit to Bhimthadijatra and other rural initiatives**		
IV	**1. Role Play.** **2. Caselets Solution & Discussion**		
Total –		**30**	**70**

Suggested references:

Sr.No.	Title of the Book	Author	Publication	Place
1	Fundamentals of Rural Development	Mary Tahir & Tahir Hussain	I.K International Publishing House	India
2	Rural Development : Concept and Recent Approaches	A .Thomson William A.J.Christopher	Rawat Publications	Jaipur,India
3	Rural Poverty in India	Sib Nath Bhattacharya	Ashish Publishing House	New Delhi
4	Rural Development; Principles, Policies and Management	Katar Singh	SAGE Publication	India
5	Economic Policy and Development	B.L.Mathur	RBSA Publishers	Jaipur,India
6	Indian Economy	V.K.Puri S.K.Sharma	Himalaya Publishing House	Mumbai

Savitribai Phule Pune University
SY BBA Semester III (CBCS) Pattern 2019

Discipline Specific Electives (DSE- A- MM)
Consumer Behaviour& Sales Management
SY BBA Course Code- A 305 MM
Credits 3+1=4

Depth of the Course-Reasonable Knowledge & Insights in Consumer Behaviour & Sales Management.

Course Objectives:

1. To develop significant understanding of Consumer behaviour in Marketing.
2. To understand the relationship between consumer behaviour& Sales Management.
3. To develop conceptual based approach towards decision making aspects & its implementation considering consumer behaviour in Sales Management.

Unit No	Unit Title	Contents	Purpose & Skills to be develop
1.	**Introduction and Determinants of Consumer Behaviour**	**Basics:** Meaning of Customers & Consumers, Consumer Roles, Consumerism & De-marketing. **Culture & Sub- Culture:** Meaning, Characteristics & Relevance to Marketing Decisions. **Social Class:** Meaning, Measurement, Effect on Lifestyles. **Social Groups:** Meaning & Group Properties & Reference Groups. **Family:** Family Life Cycle & Purchasing Decisions. **Marketing Mix: Influence** of marketing mix variables. **Personality & Self Concept:** Meaning of Personality, Influence on Purchase Decisions. **Motivation & Involvement:** Types of Buying Motives, Motive Hierarchy, Dimensions of Involvement. **Learning & Memory:** Meaning & Principal Elements of Learning, Characteristics of Memory Systems, Recall.	• To know the Role & Importance of Consumer Behaviour. • Ability to learn how Consumer Behaviour impacts the Sales of an Organization. • To understand how consumer behaviour is influenced by different environment. • To know about determinants of consumer behaviour affects the marketing system. • To understand the overall effect of concepts upon the consumer behaviour • To develop strategy to influence consumer behaviour.

		Attitudes: Meaning & Characteristics, Strategies for Changing Attitudes, Intensions Behaviours.	
2	Consumer Decision Making Process	**Problem Recognition:** Types of consumer decisions, types of Problem Recognition, Utilizing problem recognition information **Search & Evaluation:** Types of information, Sources of Information Search, Search, Experience and Credence Aspects - Marketing Implications Situational Influences on Purchase Decisions **Purchasing Process:** Why do people shop? Store & Non-store Purchasing Processes, Purchasing Patterns. **Post-purchase Evaluation &Behaviour:** Consumer Satisfaction, Dissatisfaction, Customer Delight, Consumer Complaint Behaviour, Post- Purchase Dissonance.	• To develop the conceptual decision making insights. • To have the right understanding of situations as they influence the consumer behaviour. • To develop the habit of taking calculated risks towards decision making process.
3	Basics to Sales Management & its Organization	**Sales Management:** Definition and meaning, Objectives, Sales Research, Sales Forecasting methods, **Sales Planning and control:** Goal setting, Performance measurement, diagnosis and corrective actions. **Sales Organization:** Need for Sales Organizations, their structure, Sales Managers Functions and responsibilities, Planning for major customers and sales Budget, Specific Characteristics of a successful salesman.	• To provide the basic understanding of the processes followed in sales management • To understand the importance of sales organizations & its impact upon the performance of the organizations.
4	Training, Managing &Motivating the Sales Force	**A. Recruiting, Selection and Training of Sales force:** Procedures and criteria extensively used as selection tools for recruiting and testing sales ability. Sales Force Job Analysis and Description **B. Areas of sales Training:** Company Specific Knowledge, product knowledge Industry and Market Trend Knowledge, customers and technology – Relationship Selling Process and Customer education. Value added Selling **C. Motivating the Sales Team:** Motivation Programs – Sales Meetings, Sales Contests, Sales Compensating, (Monetary	• To provide an understanding of the tools and techniques necessary to effectively Manage& Control the sales function - organization - sales individual. • To understand the importance of target based marketing to achieve desired results for sales organization.

		compensation, incentive programs as motivators, Non-Monetary compensation – fine tuning of compensation package. Supervising, **D. Evaluating Sales Force Performance and Controlling Sales activities:** Sales Records and Reporting Systems, Improving Sales Productivity, Ethical and Legal Issues in Sales Management.	

Teaching Methodology

Teaching Hours Theory + Tutorials /Project	**Innovative methods to be used**	**Tutorials /Project for 1 credit –**	**Expected Outcome**
Unit I – 10Hrs	Group wise presentation to understand the nuances of Consumer behaviour.	**Assignments** to practice the basic concepts in consumer behaviour.	To have an adequate understanding of consumer behaviour, its scope, objectives, opportunities and its challenges.
Unit II– 14Hrs	Unguided session based upon the Case Studies, in which strategies are adopted by organizations.	Suggesting an adequate strategy to organizations based upon the analysis of the **case study**.	To help students develop an understanding towards Strategy building & its effectiveness.
Unit III– 14 Hrs	Group discussion amongst the students for developing innovative sales strategy to be followed by organizations.	**Discussion & Analysis** of success or failure factors behind the strategies implemented.	To find out alternatives for Dynamic organization to ensure their success in highly competitive sales environment.
Unit IV – 10Hrs	Skit, Role Play, Presentation to propose relevant solutions to overcome dynamic challenges for sales organizations.	Suggestion & implementation of creative strategies designed to cope against distorting challenges of sales environment through **role play or skit**.	Developing Design Thinking approach to explore opportunities while combating against challenges in highly competitive Sales environment.

Evaluation

Subject	Internal Evaluation	External Evaluation
Unit – I	MCQ on Consumer Behavioural Concepts Analysis of Marketing Mix, Motivation & Attitude.	**25% MCQ** **35% short notes** **40% long answers** **Fill in the blanks** **True and False** **Short answer question -25%** **Short notes -35%** **Long answer questions -40%**
Unit – II	MCQ on Problem Recognition, Search & Evaluation, Purchase Process, Post Purchase evaluation & Behaviour through short answers.	
Unit – III	MCQ on Sales Mgmt, Sales Planning & Control, Sales Organization. Short answers to evaluate the Sales strategy formation & its implementation.	
Unit – IV	MCQs and short answers	
Total –	**20+30**	**50**

Suggested References

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Consumer Behaviour &Sales Management	Still, Cundiff &Govani,	Pearson Education	New Delhi/Mumbai
2	Consumer Behaviour &Sales Management	Havaldar&Cavale	TMGH	Pune
3	Consumer behavior & Sales Mgmt	SL Gupta	Excel books	Pune
4	Consumer behavior & Sales Mgmt	David L.	Tata McGraw Hill	Mumbai
5	Consumer behavior & Sales Mgmt	Batra, Kazmi	Excel books	Mumbai
6	Sales Management,	Bill Donaldson	Palgrave Publications	UK
7	Consumer Behavior - An Indian perspective	Dr. S.L Gupta, Sumitra Pal	Sultan Chand and Sons	New Delhi

Savitribai Phule Pune University
SY BBA Semester III (CBCS) Pattern 2019

Discipline Specific Electives (DSE- A- MM)
Retail Management
Course Code- DSE A 306 MM
Credits 2+2=4

Depth of the course- Reasonable knowledge of Retail Management

Course Objectives

1.To provide basic understanding of forces that shape retail industry
2. To provide understanding of retail operations and strategy
3. To provide understanding of opportunities and challenges in retail industry

Unit No.	Unit Title	Contents	Purpose & Skills to be develop
1	**Introduction to Retailing**	Structure of retail industry, types of retailers, market segments and channels, market trends, retail life cycle.	Retailing aims to develop students' understanding of retail strategy, retail operations management, innovation in retail, and the key issues impacting growth in retail firms
2	**Retailing Strategy**	Identifying and Understanding Customers, Customer segmentation, Selecting Target Market, Identifying Market Segments, selecting site locations, Strategic positioning and execution. Establishing and Maintaining Retail Image, Creating In-store Dynamics (Layouts & Plans)	To explore the strategic options available to retailers. To analysis the factors impacting store design and location selection.

3	**Managing the Retail Business**	Implementing Retail Marketing Plan, Brief Human Resource Requirements, Developing Product and Branding Strategies, Developing Merchandise Plans, Merchandising Strategy,	To study store operations, merchandising and customer management.
4	**Future of Retailing**	Introduction to recent trends and Technological Advancements in retailing. Omni Channel Retailing, shopping with AR (Augmented reality),Pop up shops, social shopping, private lable brands.	To get conversant with the latest tool used in retail industry. To understand the innovative channels to reacout the target customers to sustain in new markets.

Teaching Methodology

Teaching Hours Theory + /Project	**Innovative methods to be used**		**Expected Outcome**
Unit I –10Hrs	Group presentation to understand the perspectives of students of retail industry.	Assignments for practice of basic concepts in retail management.	To have a clear understanding of the retail concepts, its scope, objectives, opportunities and challenges.
Unit II – 14Hrs	Presentation to understand the lay out and customer flow on the floor.	Take an example of a retail store of any MNC to study in store dynamics.	To help students understand the planning process behind a retail business.
Unit III – 14Hrs	Discussion of examples of innovative methods adopted by companies to execute their retail strategy	On the same project find the reasons for the success or failure while analysing the execution strategies adopted by the organization.	Giving insights to the challenges while implementing a plan, in context of retail management.
Unit IV –10Hrs	Demonstration of current trends in retail sector. Brain storming sessions to propose solutions to recent challenges in retail sector.	Application of the innovative methods and their possible outcomes, opportunities and challenges, for the above implemented project.	Developing critical thinking ability to explore various angles while facing challenges in the retail sector.

Evaluation

Subject	Exposure project Evaluation	External Evaluation
Unit – I Unit – II Unit – III Unit – IV	Students are expected to visit Minimum 5 Retail Business Outlets covering all categories like Food & Beverages, Clothing &Apparel, Daily Essentials, Automobile & Electronics Retail and Medicines, etc. Students shall prepare project report on the points like: Store layout, Product display, logistics and SWOC analysis, etc. and Viva-voce will be conducted on the submitted project report.	**25% MCQ** **35% short notes** **40% long answers** **Fill in the blanks** **True and False** **Short answer question -25%** **Short notes -35%** **Long answer questions -40%**
Total –	50	50

Suggested references

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Retail Management	Chetan Bajaj, Rajnish Tuli	Oxford University Press	New Delhi, India
2	22 immutable laws of Marketing	Al Ries, Jack Trout	Profile Books Ltd.	UK
3	Retail Management	Gibson	Pearson Publication	UK
4	Fundamentals of Retailing	KVS Madaan	Mc Graw Hill	USA
5	Retail Marketing	Swapna Pradhan	TMGH	India
6	Retailing Management	Michael Levy & Barton Weitz	TMGH	India
7	Retail Marketing Management	David Gilbert	Pearson Publication	UK
8	Managing Retailing	Piyush Kumar Sinha & Dwarika Prasad Uniyal	Oxford University Press	New Delhi, India

Savitribai Phule Pune University
S.Y. BBA Semester III (CBCS) Pattern 2019
Discipline Specific Electives (DSE- B- FM)
Corse Title – Management Accounting
Course Code- B 305 FM
Credit 3+1=4

Depth of the Course- Functional knowledge of Management Accounting

Course Objectives: -

1. To impart basic knowledge of management accounting.
2. To understand the implications of various financial ratios in decision making.
3. Application and use of various tools of management accounting in the business.

Unit No.	Unit Title	Contents	Purpose & Skills to be develop
1	Introduction	Management Accounting- Definition, Objectives, Scope, Functions, Advantages, Limitations. Distinction between Financial Accounting and Management Accounting. Distinction between Cost Accounting and Management Accounting	To understand the concept and meaning of management accounting. To understand difference between financial accounting, cost accounting and management accounting. To develop decision making skill of the managers with the use of various management accounting tools.
2	Analysis and interpretation of Financial statement	Introduction of Schedule III as per Company Act 2013, (Statement of Profit & Loss, Statement of Balance sheet format) Methods of Analysis- Comparative statements, Common size statements, Trend percentage or trend ratios (Horizontal Analysis), Fund flow Statement. Introduction of ratio Analysis- meaning, necessity & advantages of ratio analysis. Types of Ratio- Liquidity Ratios, Leverage Ratios, Activity Ratios, profitability Ratios	To study schedule III as per Company Act 2013 and understand the format of Statement of Profit & Loss &Statement of Balance sheet of company. To study different methods of analysis. Application of various methods of analysis. Analytical skill for comparing financial position of any business will be developed.

		(Introduction and Problems on following ratios only) Current ratio, Quick ratio, Gross profit ratio, Net profit ratio, Operating expenses ratio, Debt equity ratio, Debtors turnover ratio Stock turnover ratio	
3	Marginal Costing	Marginal Costing- Meaning, definition of marginal cost and marginal costing, Advantages and limitations of marginal costing, Contribution, Profit volume ratio (P/V Ratio), Breakeven Point (BEP), Margin of Safety, problems on contribution, P/Ratio, BEP and MOS	To understand the concept of contribution and breakeven point in business and its application while estimating profitability level. Decision making skill will be developed.
4	Budget & Budgetary control	Budget and budgetary Control-Meaning, Definition, Nature of budget and budgetary control, Types of budget- as per time, functions and variability, Objectives of budget and budgetary control, Steps in budgetary control, advantages and disadvantages of budgetary control, Problems on cash budget.	To understand the concept of contribution and breakeven point in business and its application while estimating profitability level. Decision making skill will be developed. To study the concept of budget and its various types. On the basis of past data, future growth and plans, estimated cash inflow and cash outflow can be prepared. Estimated requirement of funds in future and its application in business can be calculated.

Teaching Methodology

Teaching + Tutorials Hours	Innovative methods to be used	Tutorials /Project for 1 credit	Expected Outcome
Unit 1- 8	PPT, Group discussion	NA	To understand the concept and meaning of management accounting. To understand difference between financial accounting, cost accounting and management accounting.
Unit 2- 14	PPT, Video, Case study , Group discussion	➢ Financial Analysis of any company of three years using trend percentage, comparative statement, ratio analysis. ➢ Financial Analysis of two different companies using trend percentage, comparative statement, ratio analysis.	To understand different methods of analysis and classification of various ratios and its application.
Unit 3- 13	PPT, Video, Case study , Group discussion	NA	To calculate contribution and breakeven point to reach profitability level of any business.
Unit 4- 13	PPT, Video, Case study , Group discussion	➢ To prepare budget of any activity or event to be organized in the college.	To learn how to make various types of budgets as per need and requirement of business.

Evaluation

Subject Management Accounting	Internal Evaluation	External Paper Pattern (50 Marks)
Unit – I	MCQ/ long question/ short notes	**Q.1 A Fill in the blanks 5M)** **Q.1 B Write Short Notes (Any 2) (10M)** **Q.2 Long Answer (15M)** **OR** **Q.2 Problems on ratio analysis** **Q.3 Problem on marginal costing (10M)** **Q.4 Problem on Cash budget(10M)** **OR** **Q.4 Long Answer**
Unit – II	MCQ/Long questions/ problem/ short notes	
Unit – III	MCQ/Long questions/ problem/ short notes	
Unit – IV	MCQ/Long questions/ problem/ short notes	
Total –	**30+ 20 marks for project= 50 Marks**	**50 Marks**

Suggested references

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Management Accounting	L.M.Pandey	Vikas Publishing House	Delhi
2	Management Accounting	S.K.R.Paul	New Book Central Agency	
3	Accounting for Management	S.N.Maheshwari, S.K.Maheshwari, Sharad K. Maheshwari	Vikas Publishing House	Delhi
4	Management Accounting	M.Y.Khan, P.K.Khan,	Mcgraw Hill Education	Delhi
5	Management Accounting	AnthonyA.Atkinson, Robert S.Kaplan, Ella Mac Matsumura,G. Arun Kumar, S.mark. Young	Pearson Education	Delhi

Savitribai Phule Pune University
S.Y. BBA Semester III (CBCS) Pattern 2019
Discipline Specific Electives (DES- B- FM)
Course Title – Banking & Finance
Course Code- B 306 FM
Credits 2+2= 4

Depth of the course- Functional knowledge of banking Operations and various Regulatory Authorities in India.

Course Objectives

1. Study of banking function and its operations.
2. To study the functioning of Regulatory Authorities in India.
3. To study recent technology in banking industry.

Unit No.	Unit Title	Contents	Purpose & Skills to be develop
1	Introduction	Introduction- Origin, meaning and definition of bank, evolution of banking in India, structure of banking system in India	Overview of evolution and banking structure in India
2	Functions of Banks	Functions of Banks- 1. Primary functions- Accepting deposits and granting loans 2. Secondary functions- Public utility services and agency services	Students will understand various functions and activities of banks.
3	Regulatory Authorities in India	Reserve Bank of India (RBI) – Role and functions of RBI, Credit control measures, Qualitative and quantitative credit control Insurance Development Authority (IRDA)- Objectives, Powers and functions of IRDA SEBI- Objectives, power and functions of SEBI	Knowledge of functioning and powers various Regulatory Authorities in India.
4	Technology in banking	Need and importance of technology in banking. ATM, Debit card, Credit card, Tele banking, Net banking, mobile banking, RTGS, NEFT, Swift (Society for	Use of technology in banking and study of security measures while using E- banking

		worldwide interbank financial telecommunication) cyber security in E- banking	

Teaching Methodology

Teaching Hours Theory + Project -Practical	Innovative methods to be used		Expected Outcome
Unit 1- 10 Lectures	PPT, Video, Group discussion,	Applicable(Project)	Students will understand structure of banking system in India.
Unit 2- 12 Lectures	PPT, Video, Group discussion	Bank Visit	Students will understand functions and operations of banks.
Unit 3- 13 Lectures	PPT, Video, Group discussion	Applicable(Project)	Students will get basic knowledge of function of various regulatory Authorities in India
Unit 4- 13 Lectures	PPT, Video, Group discussion	Applicable(Guest lecture)	Knowledge of how to use new technology in banking operations along with its cyber security.

Evaluation

Subject Management Accounting	**Guidelines regarding Exposure project (50 marks)** **Students need to prepare Exposure project on the following topics- (Any 3)** 1. Guest lecture/ workshop on any topic mentioned in the syllabus. 2. Visit to any bank and observe banking functions and operations. (group project) 3. PPT on any topic from the syllabus. **Conducting survey/ project based on the following themes-** ▪ Study of different types of banks & their performance ▪ Comparative study of performance of nationalized banks, co- operative banks & foreign banks. ▪ Conducting customer survey of banks customers of any specific bank. ▪ Awareness & conducting financial literacy among different stake holders of the society (e.g. students, house wives, rural area etc.)- Student can conduct a survey by framing a small questionnaire. **Note: Colleges can change the project topics according to their convenience.**	**External Evaluation** **25% MCQ** **35% Short Notes** **40% Long Answers**
	SPPU Project viva= 50 marks	**Theory paper = 50 marks**

Suggested references

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Principles and Practices of Banking	Srinivasan D.and others	Macmillan India Pvt Ltd	Delhi
2	Banking and Insurance	O.P.Agarwal	Himalaya	Delhi
3	The Indian Financial System	Vasant Desai	Himalaya	Delhi
4	Financial services and Markets	Dr. S.Gurusamy	Thomas	Delhi
5	Banking Law and Practice in India	Maheshwari	Kalyani publisher	Delhi

Savitribai Phule Pune University
SY BBA Semester III (CBCS) Pattern 2019
Discipline Specific Electives (DES- C- HRM)
Organisational Behaviour (OB)
Course Code: DSE- C -305 HRM
Credits: 3+1=4

Depth of the Course-Comprehensive Knowledge of Organisational Behaviour

Course Objectives:

1. To describe the major theories, concepts, models and frameworks in the field of Organisational Behaviour.
2. To explain determinants of Organisational Behaviour at Individual, Group and Organisational Level.
3. To give knowledge about approaches to line-up individual, groups & managerial behaviour in order to achieve organisational goals.

Unit No.	Unit Title	Contents	Purpose & Skills to be develop
1	Introduction to Organisational Behaviour (OB)	Meaning, Definition, Nature, Scope, Importance, Key Elements of OB, Disciplines that contribute to the OB field, Models of OB, Challenges for OB	1. To understand and explain how and why Organisational Behaviour study is important to students. 2. To make use of the models of Organisational Behaviour in Specific Organisational Settings.
2	Individual Determinants of Organisational Behaviour	**Individual Behaviour-** Influencing factors- Personal, Psychological, Organisational System & Resources & Environmental Factors. **Personality-** Meaning, Definition, Key Determinants of Personality, Types of Personality, Theories of Personality **Value & Attitude-** Meaning, Definition and Types. **Motivation-** Meaning, Definition, Importance, Types, Theories- Maslow's Need Hierarchy Theory, McGregor's Theory X & Theory Y, Herzberg's Two- Factor Theory **Caselets on Personality, Motivation, Value & Attitude**	1. To explain determinants of Organisational Behaviour at Individual Level. 2. To make use of the Theories of Personality by adding new perspective for overall development of the Organisation. 3. To make students understand how Values and Attitudes play a vital role in the Organisation. 4. To make use of Theories of Motivation to motivate employees to achieve higher performance in Organisation.

3	Group Interaction & Organisational Behaviour	**Group Dynamics-** Meaning, Definition, Types, Reasons for forming Groups, Theories of Group Formation, Stages in Group Development, Group Behaviour, Group Cohesiveness **Conflict -** Meaning, Definition, Traditional & Modern View of Conflict, Organisational Performance & Conflict, Frustration Model, Conflict Management- Competing, Collaborating, Compromising, Avoiding, Accommodating. **Leadership-** Meaning, Definition, Leader V/S Manager, Styles of Leadership **Caselets on Group Dynamics, Conflict Management & Leadership**	1. To explain determinants of Organisational Behaviour at Group Level. 2. To understand the Group Behaviour by learning Theories of Group Formation. 3. To enable students to understand the relation between Organisational Performance & Conflict. 4. To explicate students, the different styles of Leadership.
4	Dynamics of Organisation	**Organisational Culture-** Meaning, Definition, Levels, Formation & Sustaining Organisational Culture **Organisational Change-** Meaning, Definition, Types, Forces for Change in Organisation, Resistance to Change, Management of Change **Caselets on Organisational Culture & Change Management**	1. To explain determinants of Organisational Behaviour at Organisational Level. 2. To identify the factors that create and sustain Organisation's Culture. 3. To identify and manage the forces that act as stimulants to change.
5	Project/ Tutorial	**Students can prepare project on any topic which they have learnt under this subject.**	1. To develop better understanding of theoretical concepts by undergoing the project.

Teaching Methodology

Teaching Hours Theory + Tutorials /Project Practical	Innovative methods to be used	Tutorials /Project for 1 credit	Expected Outcome
Unit 1 (10 hrs)	3. Presentations. 4. Group Discussion on Models of OB.	----	3. Describes importance of Organisational Behaviour. 4. Better understanding of Models of Organisational Behaviour.
Unit 2 (14 hrs)	2. Role Play on different types of Personality. 3. Debate/ Group discussion on Motivation (Monetary Motivation v/s Non-Monetary Motivation). 4. Caselets solution sessions and discussion on same.	----	1. Describes determinants of Organisational Behaviour at Individual Level. 2. Develop the knowledge & ability of the students about the concepts of Personality, Motivation, Value & Attitude. 3. Development of Problem-solving and decision making skills of students.
Unit 3 (14 hrs)	4. Role Play on Stages in Group Formation & Group Cohesiveness. 5. Role Play on Conflict Management. 6. Debate/ Group Discussion on Leader v/s Manager. 7. Caselets solution sessions and discussion on same.	----	4. Describes determinants of Organisational Behaviour at Group Level. 5. Develop the knowledge & ability of the students with respect to the concepts of Group Dynamics, Conflict Management & Leadership. 6. Development of Problem solving and decision making skills.
Unit 4 (10 hrs)	5. Role Play on Resistance to Change. 6. Caselets solution sessions and discussion on same.	----	4. Describes determinants of Organisational Behaviour at Organisational Level. 5. Develop the knowledge & ability of the students about the concepts of Organisational Culture & Change. 6. Development of Problem solving and decision making skills.

Exposure	1. Preparation of Google Form for Questionnaire of Project, Collection of data and Submission of Project. 2. Power Point Presentation.	Project evaluation of the students on the basis of Project Submission & Presentation of Project	1. Better understanding of theoretical concepts, improvement of communication skills, confidence and stage-daring by presenting the project with the help of PPT.

Evaluation

Unit Number	Internal Evaluation		External Evaluation
	Evaluation of students on the basis of	**Marks**	
I	**1. Role Play, Debate/ Group Discussion Activities.**	**30**	**25% MCQ 35% short notes 40% long answers**
II	**1. Role Play, Debate/ Group Discussion Activities. 2. Caselet Solution & Discussion**		
III	**1. Role Play, Debate/ Group Discussion Activities. 2. Caselet Solution & Discussion.**		
IV	**1. Role Play. 2. Caselet Solution & Discussion**		
Project	**1. Project Submission. 2. Presentation.**	**20**	
	Total –	**50**	**50**

Suggested references:

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Organisational Behaviour: Text, Cases, Games	K. Aswathappa	Himalaya Publishing House	Mumbai
2	Organisational Behaviour	Stephen P. Robbins Timothy A. Judge NeharikaVohra	Pearson Education, Inc	New Delhi
3	Organisational Behaviour	S. S. Khanna	S. Chand & Company Ltd.	New Delhi
4	Organisational Behaviour: Text & Cases	Suja R, Nair	Himalaya Publishing House	Mumbai
5	Organisational Behaviour	Jit S. Chandan	Vikas Publishing House Pvt. Ltd.	New Delhi

Savitribai Phule Pune University
SY BBA Semester III (CBCS) Pattern 2019
Legal Aspects in Human Resources DSE - C 306 (HRM)
Course Code: DSE - C 306 (HRM)
Credits: 2+2=4

Depth of the course- Functional Knowledge

Course Objectives:

1. To study and explain rights of employees at work place.
2. To understand the Applications of different Legal Aspects in HR.

Unit No.	Unit Title	Contents	Purpose & Skills to be develop
1	Introduction	Employer, employee, Rights of an employee at work place. **HR Policy-** Meaning and its importance. **Legal issues related to HR in the Organisation**	1. To study and explain rights of employees at work place. 2. To understand the legal issues related to HR in an organisation.
2	Wage & Salary Administration and The Workmen's Compensation Act, 1923	**Wage & Salary Administration-** Meaning & Definition of Wage & Salary, Objectives of Wage & Salary Administration, Wage Differentials, Factors affecting Wage & Salary Levels **The Workmen's Compensation Act,1923-** Introduction,Main Features of the Act, Definitions, Provisions under the Act.	1. To understand the basic concepts of Wage & Salary Administration. 2. To understand the Applications of The Workmen's Compensation Act, 1923.
3	The Payment of Gratuity Act,1972 and Sexual Harassment of Women at Workplace (Prevention,	**The Payment of Gratuity Act,1972** Introduction, Scope and Application, Definitions and Provisions under this Act.	1. To gain knowledge & Applications of The Payment of Gratuity Act,1972 **2.** To understand the Applications of Sexual Harassment of Women at

	Prohibition and Redressal) Act 2013	**Sexual Harassment of Women at Workplace (Prevention , Prohibition And Redressal) Act 2013** Introduction, Main Features of the Act, Provisions, Vishaka Guidelines	Workplace (Prevention , Prohibition And Redressal) Act 2013
4	Business Exposure in HR		1. To introduce the students to the general HR practices in the organisation. 2. To enhance the awareness of the students towards different Acts and its application.

Teaching Methodology

Teaching Hours Theory + Project	Innovative methods to be used	Project in Legal Aspects 2 Credits	Expected Outcome
Unit 1 (6 hrs)	1. Presentations	1. Students are required to visit and collect data from HR department of any small/ medium or large scale industry individually or in groups and study HR policies, Legal issues, calculations of Wage Differentials. 2. Students can visit regional gratuity office to understand its functioning.	1. Better understanding of the rights of employees at workplace. 2. Describes understanding of the legal issues related to HR in organisation.
Unit 2 (12 hrs)	1. Exercise on Wage Differentials 2. Caselets solution sessions and discussion on same. 3. Group Discussion on The Workmen's Compensation Act,1923		1. Develop the knowledge & ability of the students about the concepts Wage & Salary Administration. 2. Better understanding of Workmen's Compensation Act,1923.

Unit 3 (12 hrs) **& Project work**	1. Exercise on Calculation of Gratuity. 2. Caselets solution sessions and discussion on same. 3. Role play on Sexual Harassment of Women at Workplace (Prevention , Prohibition And Redressal) Act 2013	**3.** Students are required to prepare Project on collected data. Note – Colleges can change the topics for projects as per the requirements of the course.	1. Better understanding of The Payment of Gratuity Act,1972 2. Better understanding of Sexual Harassment of Women at Workplace (Prevention , Prohibition And Redressal) Act 2013

Evaluation

Subject	**Internal Evaluation**	**External Evaluation**
Unit – I	**--** **Project 30 marks &Viva 20 marks**	**25% MCQ** **35% short notes** **40% long answers** **(50 marks)**
Unit – II		
Unit – III		
Project VIVA		**--**
Total –	**50 marks**	**50 marks**

Suggested References:

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Labour & Industrial Laws	S.N.Mishra	Central law publication	Allahabad
2	Industrial and Labour Laws	S. P. Jain, Simmi Agarwal	Dhanpat Rai & Co. (P) LTD.	New Delhi
3	Sexual Harassment of Women at Workplace (Prevention, Prohibition And Redressal) Act 2013	-	Professional book publishers	Delhi
4	Labour and Industrial laws	H L Kumar	Universal Publication	Delhi
5	Labour and Industrial laws	P.K. Padhi	PHI learning Private Ltd	Delhi

Savitribai Phule Pune University
SY BBA Semester III (CBCS) Pattern 2019
Discipline Specific Electives (DSE- D- SM)
Fundamentals of Services Management

Course Code: D-305 SM
Credits: 3+1=4

Depth of the Course: Basics and Overall Perspective of Service Management

Course Objectives:

1. To introduce services as a Business Function.
2. To develop practical insights in enhancing business processes of Service sector.
3. To give the students an exposure to a systematic service framework.
4. To enhance service leadership skills.

Unit No.	Unit Title	Contents	Purpose & Skills to be developed
I	Understanding Various Aspects of Services	**Introduction to services**: Concept, Scope, Classification & characteristics of services, Service as key differentiator for manufacturing industries. Functions of Service Management. Changing dynamics & challenges of service sector. **Growth in service sector** :- Importance, Growth & Development of service sector in India.	**Purpose: -** -To understand the basic concept of services. -To highlight upon new revolution in services. -To understand recent trends & new developments in Service Sector. **Skills to be developed: -**Positive approach towards service sector, Identifying opportunities in services.
II	Service Mix Elements-Introduction	**Product**: - The service products, Service Product Life-Cycle and its Strategies. **Place**: -Managing Distribution Channels in Service Industry, Factors affecting	**Purpose: -** - To understand various elements of service mix. - To gain practical knowledge of various tools of sales promotion in service sector. - Understanding of difference between products and service sector.

		choice of channel, Strategies for distribution. **Promotion: -** Objectives, Selection Criteria, Developing the promotion mix, Sales promotion tools. **Physical Evidence: -** Introduction, Elements, Role of physical evidence, Managing physical evidence as a strategy.	**Skills to be developed: -** Professionalism in the area of services.
III	Service Environment	**Micro & Macro Service Environment:** PESTEL Analysis of Service Sector, Six Market Model. **Market Analysis & Segmentation: -** Planning process, Rethinking the customer service function, Focusing & positioning target customers. **Service Design**:- Introduction , Building a service blueprint and its benefits.	**Purpose: -** - To learn various models of service market analysis. - To understand the service environment. **Skills to be developed: -** - Developing Analytical ability for proper market analysis. - Innovation & creativity.
IV	Research in Service Industry	- Environmental changes leading to service boom. - Impact of globalisation on service Sector: An Overview - New Economic policy & its impact on service sector. - Preparation of small report based on service market analysis.	**Purpose: -** -Overview of changing dynamics & challenges of service sector. - To gain knowledge of New economic policy & its impact on service sector. **Skills to be developed: -** Enhancement of service leadership skills through practical learning.

Teaching Methodology: (Pedagogy for Course Delivery): -

Teaching Hours	Innovative Methods to be used	Practical for 1 credit	Expected outcome
12	Interactive Sessions followed by feedback, You Tube Videos for better understanding.	Preparing small reports on field visit experience as assigned by subject faculty	Learning will be more practical based on theory, thereby aid students in better understanding.
12	Visits to various service oriented units(organisations) to gain practical knowledge w.r.t service elements and its effective implementation.	Asking students to prepare report on any of the service organisation of their own choice w.r.t Service elements.	Development of interest in service sector and implementation of various concepts in practice.
12	Preparation of PPT and Use of PPT based on field work for service Market analysis by Using different models like PESTEL, Six Market Model etc.	Assigning students with tasks based on current situation and its impact on service sector.	Ability to collect relevant data and its analysis and interpretation.
12	Arranging Sessions of experts from service industry (Guest lecture series)	Maintaining record of every session by the students for evaluation by the teachers	Awareness of actual scenario w.r.t. service operations and its management.

Evaluation: -Internal (30+20=50) and External – 50 Marks

Subject : Service Management (305)	**Internal Evaluation**	**External Evaluation**
Unit – I	Various aspects like assignment, presentation, GD etc. as decided by college authorities(30 marks)	**25% MCQ** **35% Short Notes** **40% Long Answers**
Unit – II	Class tests , PPT	
Unit – III	Notes preparation	
Unit – IV	Field visit / project report for 20 marks	
4	30+20=50 marks	50 marks

Suggested References: -

Sr.No.	Title Of the Book	Author/s	Publication	Place
1.	Service Marketing Operations & Management	Vinnie J. Juhari, Kirti Dutta	Oxford University Press	Delhi
2.	Service Marketing Management: An Indian Perspective	Dr. B. Balaji	S. Chand & Co.	Delhi
3.	Service Management: Strategy & Leadership in Service business	Richard Normann	Wiley & Sons,Ltd	NewYork
4.	Service Management: The New Paradigm in Retailing	Jay Kandmpully	Springer	New York

Savitribai Phule Pune University
SY BBA Semester III (CBCS) Pattern 2019
Principles & Functions of Services Management- DSE - D-306 SM
Course code DSE - D-306 SM
Credits: 2+2=4

Depth of the Course: Understanding Core Aspects of Service Management
Course Objectives:

1. To recognise & understand different types of service based organizations.
2. To understand the importance of ITES in service sector.
3. To enhance knowledge of global trends in outsourcing.
4. To understand factors crucial to service delivery & recovery.

Unit No.	Unit Title	Contents	Purpose & Skills to be developed
I	Understanding Consumer/Customer Behaviour	**Customer expectation**, strategies for managing customer expectation, 4C's of customer service mix. -**Creating the right service philosophy**: - Customer service pre & post transaction elements, Meeting the service challenges. -**Fundamentals of Customer satisfaction:** -Factors influencing customer satisfaction, Understanding the customer services, Customer Loyalty and delight. -**Managing demand & supply of services: -** Managing demand, Patterns & determinants of demand, Strategies of managing demand, waiting line strategies.	**Purpose -: -** -Learning & understanding the concept of customer satisfaction. -Understanding efficient management of demand & supply of services. **Skills to be developed: -** -Development of Behavioural Skills. - Management Skills such as facing Risk, challenges, etc.
II	ITES Introduction	-**Outsourcing: -**Meaning of outsourcing, factors driving the need of outsourcing, skills to manage	**Purpose: -** **-** Learning significance of ITES.

		outsourcing, types & stages of outsourcing, global trends in outsourcing & role of India in outsourcing. -**KPO/BPO** :- Introduction, significance, third party service providers, future of KPO/BPO, challenges faced.	-Understanding the working & challenges faced by KPO/BPO. - Availing opportunities available in outsourcing. **Skills to be developed: -** -Adaptability to New /Recent trends and Flexibility.
III	Delivering Quality Services and Value Process	-Service based components of quality, perceived quality, Implementing TQM in service sector & its effect. -Service performance failure – concept of service failure & recovery, customer response to service failure & recovery, service recovery following customer complaints, solving problems & preventing recurrence. Creating service value and defining its benefits. - Service Value Chain: Introduction, significance. -Case studies related to service value chain in Banking & Insurance, Hospital & Health Care, Travel & Tourism, Hotel& Catering.	**Purpose: -** -To understand the importance of quality in service chain. -To learn the concept of service failure & techniques of recovery from it. **Skills to be developed: -** - Development of service providing abilities and skills. **Purpose: -** -Learning various service providing sectors through case study. -Understanding key factors for success & failure of service sectors. **Skills to be developed: -** -Problem Solving Ability, Case study analysis.
IV	Business Exposure in services		**To help students understand the core aspects of service management with reference to different service industries.**

Teaching Methodology: -

Teaching and Project Hours	Innovative Methods to be used	Business Exposure for 2 credits (50 Marks)	Expected outcome
6	Interactive Sessions followed by feedback, You Tube Videos for better understanding.	Visit to Five different Service sector organisations as mentioned in syllabus is mandatory.	Learning will be more practical based on theory, thereby aid students in better understanding.
12	Visits to various service oriented units (organisations) to gain practical knowledge w.r.t service elements and its effective implementation.	Preparing reports by selecting different service sector organisations based on visits in consultation with subject expert.	Development of interest in service sector and implementation of various concepts in practice.
12	Use of PPT Use of Microsoft word and Excel for project preparation	Students are required to prepare consolidated report of all five visits and appear for viva-voce.	Ability to collect relevant data and its analysis and interpretation.
(2 credits)	Arranging Sessions of experts from service industry (Guest lecture series)	Maintaining record of every session by the students for evaluation by the teachers	Awareness of actual scenario w.r.t. service operations and its management.

Evaluation: - Internal 50 and External 50

Subject : Service Management (306)	Internal Evaluation	External Evaluation 50 marks Paper
Unit – I	Exposure Report and Viva-Voce (50 marks)	(Based on Theory) **25% MCQ or Objective type, 35% short notes ,40% long answers**
Unit – II	-Project report 30 marks and Viva 20marks and total 50 marks	
Unit – III		
Unit – IV		
Total = 4 credits	50 Marks	50 Marks

Suggested References: -

Sr. No.	Title Of the Book	Author/s	Publication	Place
1.	I) Competitive Advantage	Porter,Michael E.	The Free Press	New York
	ii) Service Marketing and Management	Dr. B. Balaji	S. Chand & Co.	Delhi
	iii) Service Sector Management: An Indian Perspective	C.Bhattacharjee	Google Book library	Online source
2.	i)Management of Service Organisations	SassersR..P.	Allyn and Bacon	Boston
3	ii) Service Marketing	Hellen	W.Macmilan India Ltd.	New Delhi

Savitribai Phule Pune University
SY BBA Semester III (CBCS) Pattern 2019
Course Title: Agriculture and Indian Economy- DSE - E 305 ABM
Course Code DSE – DSE - E 305 ABM
Credits: 3+1=4

Depth of the Course: Functional Knowledge about Indian Agriculture and rural India

Course Objectives-

1.To understand importance of agriculture in Indian economy.

2.To impart knowledge in the field of agriculture marketing.

3.To understand various problems and prospects Indian agriculture.

Unit No.	Unit Title	Contents	Purpose and Skills to be developed
I	Agriculture and economic Development	1.1 Importance and role of Agriculture in Indian economy 1.2 Green revolution 1.3 Interdependence between agriculture and industry. 1.4 Trends in agriculture production and productivity.	For the rural development and industrialization which helps to maximize the production and also essential to economic progress.
II	Agricultural Credit	2.1 Co-Operative credit system; NANBARD 2.2 Role of commercial bank, Self-Help Group- meaning and Impact 2.3 Agriculture Finance 2.4 Agricultural credit: Challenges, Opportunities, Strategies,	To know the functioning of NABARD and micro-credit institutions for augmenting flow of credit to self-employed and rural sector.

III	Agricultural Marketing and Prices	3.1 Agricultural Market, Marketing policy 3.2 Regulated market, Marketing channels 3.3 Behaviour of agricultural prices 3.4 Objectives of agricultural price policy.	To achieve a correct balance between the demand and supply of money. Candidate should know the structure and objectives of regulated market.
IV	Agricultural Growth in India	4.1 Recent trends in agricultural growth in India. 4.2 Inter-regional variations in growth of output and productivity 4.3 Cropping Pattern shifts 4.4 Problems and prospects of Indian agriculture. 4.5 International trade in agricultural commodities.	For the liberalized agro-industries policy with maintain sustained growth in productivity and gainful employment. To know the problems of Indian agriculture to accelerate the future growth and prospectus of economy. To know the issues related to import and exports of agriculture commodities.

Teaching Methodology-

Teaching Hours Theory +Tutorials/Project Practical	Innovation methods	Tutorials For 1 Credit	Expected outcome
4 credit Unit 1 – 12 hours Unit 2 – 11 hours Unit 3 – 12 hours Unit 4 – 13 hours	• Discussion method • Guest lecture method • Workshop/Seminar • Website visits • Preparing Charts on agri development in India and comparison within the state	Students can collect information on • Tutorial on Green Revolution • Study of local agricultural market. And conducting surveys on Difficulties faced by the farmers, supply chain management, shortage and surplus of Farm products • Data Collection on behaviour of agricultural prices	• Concept clarity regarding Agriculture and Indian Economy • Easy understanding of interdependence between industry and agriculture

Evaluation

Topics	Internal evaluation 30+20 = 50	External evaluation 50 marks	Suggested add on course
UNIT 1	• Assignment • Practical survey of agricultural market • Oral expression of agricultural development in India	**25% MCQ** **35% short notes** **40% long answers** **(50 marks)** **--**	• Certificate course on Indian Agricultural Developments • Certificate course on Agricultural Management
UNIT 2			
UNIT 3			

UNIT 4	• Oral presentation by using (charts/Placards/Newspaper cutting/colourful images) • Group presentation on agri based Indian economy		• Agriculture income and Indian economy.

Suggested references:

Sr.No.	Title of the Book	Author	Publication	Place
1	Agricultural Economics	Bilgrami S.A.	Himalaya Publishing House	Delhi
2	Indian Economy	Dhingra,I.C	Sultan Chand	Delhi
3	Indian Agricultural Development since Independence	Dantwala M.L. et.al	Oxford & IBH	New Delhi
4	Trade Liberalization and Indian Agriculture	Gulati A. and t. Kelly	Oxford University Press	New Delhi
5	Agriculture Price Policy in India	Kahlon A. S. and Tyagi D. S.	Allied Publisher	New Delhi
6	Agricultural growth, Rural poverty and Environmental Degradation in India	Rao C.H.Hanmantha	Oxford University press	New Delhi
7	Banking Reforms and Agricultural Finance in India	Akhtar S.M.andSidhiqi N.A.,	-	-
8	Reserve Bank of India-Hand book of statistics on Indian economy			

Savitribai Phule Pune University
SY BBA Semester III (CBCS) Pattern 2019
Rural Development: Principles and Practice DSE - E 306 (ABM)
Course Code DSE - E 306 (ABM)
Credits: 2+2=4

Depth of the course: Functional Knowledge about rural development

Course Objectives:

1. To develop appropriate attitude and values required of a rural manager.
2. To develop conceptual and exploratory skills to work for rural development

Unit No.	Unit Title	Contents	Purpose & Skills to be developed
1	Basic elements of Rural Development	Meaning of Rural Development, Need for Rural and its importance. Features of Rural Economy. Size and Structure of Rural Economy, Rural versus Urban development, Growth versus Development. Rural Poverty and Rural Income.	1. To study and explain various concepts of Rural Development 2. To understand sectoral Development of rural India
2	Rural Development Policies in India	Need for Rural Development Policy, Goals of Rural Development Policy. Characteristics of Growth and equality orientation Program, Poverty and Unemployment eradication programs. Cooperative Sector and Rural Development, Features of Co-operative Sector and advantages and limitations of Co-operative Sector.	1. To understand the basic rural developmental polices in India. 2. To understand the various programs of rural Development and initiatives taken the Government.
3	Role of Agriculture and Sustainable development.	Role of Agricultural and Non-Agricultural sector in rural development. Impact of globalization on rural development. Need, Advantages and limitations of globalization	**1.** To develop the insights for equal development and opportunities 2. To understand the linkages and dependency on each other.

		Sustainable development - Various initiatives taken by Government for agriculture and industry linkages, rural and urban linkages, advantages and effects, Challenges and opportunities for linkages. Initiatives for rural sustainable development. Gandhian Model of Rural Development	
4	**Business Exposure in Agri Business Management**		

Teaching Methodology

Teaching Hours Theory + Project	Innovative methods to be used	Project for 2 credits Project and Viva for 50 marks	Expected Outcome
Unit 1 (6 hrs)	1. Presentations	1. Students are required to visit and collect data on various aspects of rural development. 2. Visit to nearby villages and identify problems faced by them. 3. Collecting data about various Government initiatives and creating awareness in rural areas. 4. This course requires the students to read a number of syllabus related articles, both old and recent. 5. Visit and interview an Agri-exporter to understand the opportunities in Agri-business	1. Better understanding to need for rural development. 2. Describes need for equal distribution of resources. .
Unit 2 (12 hrs)	1. Exercise on Differentiating aspects 2. Discussion on same. 3. Group Discussion on Government initiatives.		1. Develop the knowledge & ability of the students about the concept mentioned in the syllabus.
Unit 3 (12 hrs)	1.Charts will be prepared on Global agri development. 2.Case lets solution sessions and discussion on same.		Importance of sustainable agriculture and Learning agricultural ecosystem
Business Exposure			**1. Project outcome** Better understanding of theoretical concepts by visit of students in agri- product Industries. Agri-export Houses.

			2. To expose students while engaging in experiential learning to internalize rural environment institutions and initiatives

Evaluation

Subject	Internal Evaluation	External Evaluation
Unit – I	**--**	**25% MCQ** **35% short notes** **40% long answers** **(50 marks)**
Unit – II	**--**	
Unit – III	**--**	
Project VIVA	**Project 30 marks** **VIVA 20 marks**	**--**
Total –	**50 marks**	**50 marks**

Suggested references:

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Agricultural Economics,	.Bilgrami S.A.R.	Himalaya Publishing House, (1996)	Delhi.
2	"Indian Economy"	Dhingra,I.C	sultan chan.	**Delhi**
3	Agricultral growth, Rural poverty and Environmental Degradation in India	Rao C.H.Hanmantha (1975)	Oxford University press ,	New Delhi
4	Agriculture Price Policy in India ,	Kahlon A. S. and Tyagi D. S.((1983)	Allied Publisher	New Delhi
5	Trade Liberalization and Indian Agriculture,	Gulati A. and t. Kelly(1999)	Oxford University Press ,	New Delhi
6.	Rural Development: Principles, Policies and Management	Katar Singh	Publication Year: 2009 DOI: http://dx.doi.org/10.4135/9788132108399	Online Book

Savitribai Phule Pune University
SY BBA Semester IV (CBCS) Pattern 2019
Subject: Entrepreneurship and Small Business Management- GC-401
Course Code – 401
Credits – 3

Depth of the Course: Basic and functional knowledge of entrepreneurship and small business management

Course Objectives:

1. To understand the concept and process of Entrepreneurship.
2. To Acquire Entrepreneurial spirit and resourcefulness.
3. To get acquainted with the concept of Small Business Management.
4. To understand the role and contribution of Entrepreneurs and Small Businesses in the growth and development of individual and the nation.

Unit No.	Unit Title	Contents	Purpose & Skills to be developed
1	Entrepreneurial Perspective	• Concept of Entrepreneur, Manager, Intrapreneur • Entrepreneur and Entrepreneurship • Meaning, Definition, Evolution. • Types of Entrepreneurs, Qualities and Functions of Entrepreneur. • Factors influencing Entrepreneurship: Psychological, Social, Economical and Environmental factors. • Role of Entrepreneur in growth and development of the small business. • Problem of Unemployment and Importance of wealth creation.	**Purpose -:-** • Learning & understanding the concept of Entrepreneur and process of Entrepreneurship. • Highlighting the role of entrepreneurs in growth and development. • Understanding importance of Entrepreneurial as career **Skills to be developed :-** • Inculcating Entrepreneurial skills and abilities. -

2	Business Opportunity Identification	• -Definition of business, industry & commerce and their interrelationship in today's environment. • Opportunity Search: • Divergent Thinking Mode: Meaning Objectives • Tools and Techniques: Environmental scanning for business opportunity Identification. • Opportunity Selection: • Convergent Thinking Mode: Meaning, Objectives ,Tools And Techniques: Market Survey	**Purpose :-** • Environmental Scanning for identification of Business opportunities. • Learning various tools and techniques of opportunity search and its appropriate selection. **Skills to be developed :-** • Development of Divergent and Convergent thinking abilities.
3	Management of MSMEs and Sick Enterprises :	• Meaning, Objectives and Functions of MSMEs Challenges of MSMEs, Preventing Sickness in Enterprises – Specific Management Problems; Industrial Sickness in India – Symptoms, process and Rehabilitation of Sick Units. - Financial Assistance for Small • Enterprise: Institutional: • a)Bank Loan • b) Angel Funding c) Venture Funding • d) Self Employment Schemes of Government of Maharashtra. • e) Government Financial Institutions: Khadi and Village Industries Board (KVIB), Rajiv Gandhi UdyamiMitraYojana (RUGMY) • f) Prime Minister Employment Generation Programme (PMEGP).	**Purpose :-** • To understand the concept of MSME and its challenges. • Creating awareness about financial assistance of various institutions **Skills to be developed :-** • Learning about fund raising for small businesses. • Knowledge about self-employment schemes. • Development of practical approach towards new businesses.
4	Study of Women-founded Start-ups in India and Entrepreneurs' biography	• -UpasanaTaku, Anisha Singh, Sabina Chopra. • Azim H. Premji, Ratan Tata, DR. Shiva Nadar.	**Purpose :-** • Understanding key factors for success & failure **Skills to be developed :-** • Problem Solving Ability • Qualities/Skills can be acquired from these business leaders to become successful.

Teaching Methodology (Pedagogy for Course Delivery) :-

Teaching Hours	Innovative Methods to be used	Expected outcome
Unit 1 -12 Hours	Interactive Sessions followed by feedback, Role Play for various types of entrepreneur.	It enables students to learn the basics of Entrepreneurship and entrepreneurial development which will help them to provide vision for their own Start-up.
Unit 2 -12 Hours	Group Discussion and Brain Storming sessions for generation of innovative ideas. Theory lectures for conceptual understanding.	Development of interest and positive approach towards entrepreneurship and new start ups.
Unit 3 -12 Hours	Use of PPT for better understanding of various financial institutions and Schemes	Ability to collect relevant data and its analysis and interpretation.
Unit 4 -12 Hours	Arranging Sessions of experts from service industry (Guest lecture series), Presentations by students for self-learning.	Understanding key aspects of success and failure of businesses.

Evaluation :- Internal Marks 30

Subject :	Internal Evaluation	External Evaluation
Unit – I	Evaluation of the students on the basis of various criteria of assessment as prescribed by college	70 Marks Final Examination based on pattern of question papers as prescribed by SPPU.
Unit – II		
Unit – III		
Unit – IV		
Total =4	**30 Marks**	**70 Marks**

Suggested References :-

Sr. No	Title Of the Book	Author/s	Publication	Place
1	Entrepreneurship Development and Small Business Enterprises	Poornima M. Charantimath	Pearson, 2014.	Delhi
2	Management of Small Scale Industries	Desai Vasant	Himalaya Publishing House	Delhi
3	The Dynamics of Entrepreneurial Development and Management,	Desai Vasant	Himalaya Publishing House, 2015	Delhi

Savitribai Phule Pune University
Question paper Pattern 2019 for SY BBA
University Examination Sub: Entrepreneurship and Small Business Management
Course Code - 401

Q. No.	Compulsory / Choice	Nature of Question	Marks	Total Marks
1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	5	20 Marks
		Match the Pairs	5	
		Answer in one sentence	5	
		Fill in the blanks	5	
2	Solve any 3 out of 5	Long Answer Question	3*10 Marks	30 Marks
3	Solve any 4 out of 6	Short Notes	4*5 Marks	20 Marks
	Total			70 Marks

Savitribai Phule Pune University
SY BBA Semester IV (CBCS) Pattern 2019
Course: Production and Operation Management- 402 GC
Course Code -402 GC
Credits - 3

Depth of Course: Reasonable Working knowledge.

Course Objectives:

1.To understand the key concepts of Production and Operation Management.

2. To understand the various manufacturing methods and role in managing business.

3. To create awareness about the various safety measures and ergonomics in industries.

Unit No.	Unit Title	Contents	Purpose & Skills to be develop
1	Introduction	• **Introduction to Production and Operation Management** – Meaning, Nature, Scope, • Objectives, Importance, Functions of Production and Operation Management, • Variety of business, Methods of manufacturing, Plant layout, Service layout, • Safety considerations and environmental aspects.	• To understand the basic concept o Production and Operation Management and various methods of manufacturing. • To understand the different layout and safety considerations used for production management.
2	Production Design, Planning , Control	• **Production Design:** Meaning, Objectives, product policy, Techniques of product development. • Production **Planning -** Meaning, Definition, Objectives, Scheduling, Routing, Dispatch, follow up. • Production Control –Meaning, Objectives, Factors affecting production control. • **Caselets on design, planning and control.**	• To make the students understand how product developed, planned and controlled in manufacturing.

3	Productivity and Ergonomics	• **Productivity and Quality Control-** Meaning, Definition, Importance, • Measurement techniques, Quality control, Quality circles, TQM. • Ergonomics: Definition, Importance, Bio-Mechanical factors, safety equipment and device.	• To understand the concept of productivity and quality management. • To provide knowledge to the students regarding Ergonomics and safety measures.
4	Maintenance Management	• Maintenance Management : Introduction , Meaning, Types, • Planning, Scheduling, Techniques. • Modern Scientific maintenance methods , • Automation and computer integrated manufacturing.	• To make the students aware about Changing Environment, Production and operation maintenance methods.

Teaching Methodology

Teaching Hours Theory	Innovative methods to be used	Expected Outcome
Unit 1 - 12 Hours	Interactive teaching methods to be adopted. Role-Play.	1. Describe the basic concept of production and operation management. 2. Understanding the manufacturing methods and various plant layouts used in industries.
Unit 2 - 12 Hours	Production Design , Planning and Control Caselets solution sessions and discussion on the same.	1. Understanding the importance of product design, production planning and Control. 2. Develop the Problem- solving and decision making skills.
Unit 3 - 12 Hours	Student Presentation. Caselets solution sessions and its discussion.	1. To understand the peoples efficiency in their working condition
Unit 4 - 12 Hours	Student Presentations.	1. Understand the Changing Environment, maintenance methods of production and operation .

Evaluation

Unit Number	Internal Evaluation		External Evaluation
	Evaluation of students on the basis of	Marks	
I	2. Role Play.	30	25% MCQ 35% short notes 40% long answers
II	3. Caselet Solution & Discussion		
III	3. Students Presentation. 4. Caselet Solution & Discussion.		
IV	1.Presentation		
	Total –	30 Marks	70 Marks

Suggested References:

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Production and Operation Management	L. C. Jhamb	Everest Publishing House	New Delhi
2	Production and Operation Management	Chase	Irwin Professional Publishing	U. S.
3	Production and OperationManagement (With skill development- caselets and cases)	N.Suresh	Newage International publication	New Delhi
4	Operation Management	B.Mahadevan	Pearson Education India	New Delhi

Savitribai Phule Pune University
Question paper Pattern 2019 for SY BBA
University Examination Sub: Production Operations Management
Course Code - 402

Q. No.	Compulsory / Choice	Nature of Question	Marks	Total Marks
1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	5	20 Marks
		Match the Pairs	5	
		Answer in one sentence	5	
		Fill in the blanks	5	
2	Solve any 3 out of 5	Long Answer Question	3*10 Marks	30 Marks
3	Solve any 4 out of 6	Short Notes	4*5 Marks	20 Marks
	Total			70 Marks

Savitribai Phule Pune University
SY BBA Semester IV (CBCS) Pattern 2019
Course: Decision Making and Risk Management- 403 GC
Course Code – 403 GC
Credits – 3

Depth of the Course: Functional Working Knowledge

Course Objectives:

1. To learn the key topics in decision making and risk management so that they can improve decision making and reduce risk in their management activities and organizations.
2. Find the best alternative in a decision with multiple objectives and uncertainty.
3. Describe the process of making a decision.
4. Analyze an organization's decision making system.
5. Develop a risk management process.

Unit No	Unit Title	Contents	Purpose and Skills to be Developed
1	Introduction to Decision making and Risk Management	• Decision Making and Risk Management – Introduction, Concept, Problem definition and framing. • Rational Models of decision making, Other models - Myers Briggs, Bounded Rationality model, Retrospective decision model, OODA Loop Model, Ladder of Inference etc.	• To understand the role and scope of Decision making and Risk management in organisations.

		• Types of Decisions, Steps in Decision making process, Creative decision making process. • Why rational models fail ?, Traps and cognitive barriers that lead to sub-optimal decisions	
2	Decision making Tools and Models	• Decision Making - Groupthink versus the wisdom of crowds, Avoiding decision-making traps. • Intuition: pros and cons, Decisions making for corporate management, execution, and operation of projects, Role of technology in decision making and data analysis. • EQ (Emotional Intelligence) versus IQ as essential decision making traits to manage risks • Dealing with conflict and Risk - Resistance to change, Key elements of EQ: personal and social competencies, Dissonant decision making leadership and brain chemistry • Qualitative and Quantitative risk analysis tools /methods – Introduction, Concept. Decision Models in strategic management, Decision making systems.	• To understand the importance of Decision making tools and models in business.
3	Role of Decision Making and leadership	• Definitions of leadership and followership, Motivational theory; common motives of leaders and followers. • Identifying resources that affect your power and influence; use and misuse of power, Role of competition and conflict in leadership roles. • Charisma, heroes, bullies and jerks – aspects to be considered in decision making and leadership. • Decision making and Leadership - Values as underpinnings of leadership.	• To understand the role of leadership and its allied aspects while making decisions.

4	Organizational Values in Decision Making and Risk Management	• Importance of Team composition, Understanding your own value system and how it influences choices, political views, personal and organizational decisions • Organizational values –examples of values for well-known corporations. Importance of shared values in decision making and avoiding risks. • Vision statements as organizing templates for where organizations or individuals are aiming., Examples of individual and corporate vision statements • Developing and communicating your own view of what needs changing or what is possible to avoid risks. • Risk communication, Risk Sharing, Strategic and integral planning of projects,	• To understand the role and importance o organizational values in Decision making and Risk Management

Teaching Methodology

Teaching Hours Theory	Innovative Methods to be used/ AV Applications	Expected Outcome
Unit 1 - 12 Hours	Case Studies/ Videos/ Discussions on various models of Decision making and Risk management.	To understand the role and scope of Decision making and Risk management in organisations.
Unit 2 - 12 Hours	Case Studies/ Videos/ Discussions on Decision making tools and techniques.	To understand the importance of Decision making tools and models in business.
Unit 3 - 12 Hours	Case Studies/ Videos/ Discussions on Leadership tools and techniques.	To understand the role of leadership and its allied aspects while making decisions.

Unit 4 - 12 Hours	Case Studies/ Videos/Discussions on Organizational values and its importance in decision making and risk management.	To understand the role and importance of organizational values in Decision making and Risk Management

Suggested References:

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Decision and Risk Analysis for Construction Management	Melvin W. Lifson, Edward F. Shaifer	John Wiley & Sons 1st.	U.S.
2	Credit appraisal, risk analysis and decision making	D.D. Mukherjee,	Snowhite Publications9th Edition.	India
3	Managing Project Risk and Uncertainty	Chris Chapman and Stephen Ward,	Wiley Publications.	Newyork
4	Process Systems Risk management	Ian Cameron, Raghu Raman	Elseveir Academics Press	
5	Fundamentals of Risk Measurements	Chris Marrison	Tata McGraw Hill	New Delhi
6	Hand book of Environmental Risk Assessment and Management	Calow P	Blackwell Science Ltd	Oxford, UK

Savitribai Phule Pune University
Question paper Pattern 2019 for SY BBA
University Examination Sub: Decision Making and Risk Management
Course Code - 403

Q. No.	Compulsory / Choice	Nature of Question	Marks	Total Marks
1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	5	20 Marks
		Match the Pairs	5	
		Answer in one sentence	5	
		Fill in the blanks	5	
2	Solve any 3 out of 5	Long Answer Question	3*10 Marks	30 Marks

3	Solve any 4 out of 6	Short Notes	4*5 Marks	20 Marks
	Total			70 Marks

Savitribai Phule Pune University
SY BBA Semester IV (CBCS) Pattern 2019
Course: International Business Management- 404 GC
Course Code – 404 GC
Credits – 3

Depth of the Course: Functional Working Knowledge

Course Objectives:
1. To acquaint the students with emerging trends and issues in International Business.
2. To study the impact of International Business Environment on foreign market operations.
3. To analyze International trade models.
4. To analyze the International Investment and its risks associated.
5. To understand financial aspects in world economies, their need and functionality

Unit No	Unit Title	Contents	Purpose and Skills to be Developed

1	Introduction to International Business	• Meaning, Nature and Scope of International Business • Globalization – Effects on Economy, Advantages and Challenges • International Trade Theories and its applications – Reasons for international trade Ricardo's Theory, Hecksher Ohlin Theory, Michael Porter's Diamond model.	• Understand the Role and Scope of International Business. • Understand the concepts and role of International trade theories.
2	International Business Environment	• International Corporations – Meaning, Scope and Nature • Role and Importance of Multi National Corporations in International Business. • Foreign Direct Investment – Meaning, Concept, Importance. • Legal Aspects of FDI from Indian Context. • Cultural and Demographic Environment – Meaning and Importance in International Business	• Role of International Business and its importance at National and International Level. • International Business study in Business Environment.
3	International Finance	• Meaning of Exchange Rate • Determination of exchange rate – Fixed, flexible and managed. • Concept of Spot Rate, Forward rate and Futures • Balance of Trade and Balance of Payments – Introduction, Concept and Importance. • Documentation in International Trade and EXIM Finance. • Financing Techniques and Export Promotion Schemes • World Bank and International Monetary Fund – Objectives and Functions	• Understanding terms of trade in the International Market. • Understanding various Finance and Trade techniques at International level. • Understand the Global Finance Institutions functioning.
4	International Economic Zones and Foreign Trade	• World Trade Organization (WTO) – Evolution and Functions • Regional Trading Agreements, India and Trade Agreements, Regional Integration. • Global Sourcing – Introduction, Concept, Challenges,	• Understand the functions of International Organizations. • Understand the opportunities and risks for India with respect to financial globalization.

		Advantages (Indian Context) • Composition and Direction of India's Foreign Trade since 2000. • Case Studies in International Business with reference to Indian Economy on – ➢ International Marketing ➢ International Finance ➢ International Human Resource Management ➢ International Strategic Management ➢ Ethics in International Business	• Understand the world economy and factors affecting it through Case Studies.

Teaching Methodology

Teaching Hours Theory	Innovative Methods to be used/ AV Applications	Expected Outcome
Unit 1 - 12 Hours	Films/Videos of International trade/ Business practices adopted by different countries. Videos on financial ministers of different countries explaining the International trade scenario	To understand the basics of International Business concept and its role.
Unit 2 - 12 Hours	Films/Videos on International Trade theories and its importance. Case Studies on various International trade theories and its impact.	To understand the various International trade theories' use and experiments on the world trade.
Unit 3 - 12 Hours	Case Studies on International trade and its concept. Case studies on MNC's and Foreign Direct Investment Policies. Case studies/Videos on the importance of balance of payments and	To understand the International trade concepts and various key concepts affecting the terms of trade. To understand how a country can gain through International trade practices.

	International money standards concept. Case studies/videos on Cultures and Demographics of different countries.	
Unit 4 - 12 Hours	Case Studies/ Quiz/ Discussion on policies adopted by International trade organizations. Case Study/Debate on Financial globalization and its impact. Films/videos/Case study/ Discussion on the 2008 world crisis/recession. Films/Videos on the India's Foreign Trade Policies. Case studies and discussions on free trade and protection policies. Case studies and discussions on Regional Trade Agreements.	Understand the concept of currency exchange rate in the International market. To understand the role and contribution of International trade organizations. Understand the concept of financial globalization and its benefits and adversities. To understand various free trade and protection policies implementation and its role. Understand the Regional Integration and Regional groups' concept in International trade.

Evaluation

Unit Number	Internal Evaluation		External Evaluation
	Evaluation of students on the basis of	**Marks**	
I	**3. Role Play. MCQs ,Presentations**	**30**	**25% MCQ 35% short notes 40% long answers**
II	**4. Caselet Solution & Discussion**		
III	**5. Students Presentation. 6. Caselet Solution & Discussion.**		
IV	**1.Presentation**		
	Total –	**30**	**70**

Suggested References:

Sr. No.	Title of the Book	Author/s	Publication	Place

1	International Economics –,	Francis Cherunilam	Tata McGrawHill.1999	**New Delhi**
2	International Economics –	Salvatore D.L.	Prentice Hall. 7th Edn.2001	**U. S.**
3	International Economics –	Sodersten Bo,	Macmillan Press Ltd.1981	**New Delhi**
4	International Economics	Dr. D. M. Mithani2000	Macmillan Press Ltd.1981	**New Delhi**
5	International Economics	M. L. Jhingan	Vrinda Publications, Delhi 2006	**New Delhi**
6	International Business	K Aswathappa	Tata McGrawHill.1999	**New Delhi**

Savitribai Phule Pune University
Question paper Pattern 2019 for SY BBA
University Examination Sub: International Business Management
Course Code - 404

Q. No.	Compulsory / Choice	Nature of Question	Marks	Total Marks
1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	5	20 Marks

		Match the Pairs	5	
		Answer in one sentence	5	
		Fill in the blanks	5	
2	Solve any 3 out of 5	Long Answer Question	3*10 Marks	30 Marks
3	Solve any 4 out of 6	Short Notes	4*5 Marks	20 Marks
	Total			70 Marks

Savitribai Phule Pune University
SY BBA Semester IV (CBCS) Pattern 2019
Course: Advertising and Promotion Management- DSE- 405 A-MM
Course Code - 405 A-MM
Credits – (3+1)=4

Depth of Course: Reasonable Working knowledge.

Course Objectives:

1. To develop knowledge and understanding of importance of advertising.
2. To understand different sales promotion techniques.
3. To know about promotion management.

4. To understand the process of online advertising.

Unit No.	Unit Title	Contents	Purpose & Skills to be develop
1	Introduction and Advertising Effectiveness.	• Meanings, Definition, Functions, Criticism, Ethics, Social issues. • Strategic advertising decisions -advertising budget, advertising framework planning and organisation. • Advertising agency- Definition, functions, types structure. • Advertising effectiveness – objectives of measuring advertising effectiveness, difficulties and evaluation of advertising effectiveness.	• To understand the basic concept of advertising and social issues, ethics. • To understand how to measure the effectiveness of advertising.
2	Copy and medias decisions	• Advertising copy- objectives, elements, types of copy, advertising layouts, components, layout format. • Copy creations, pre-testing methods and measurements. • Media decisions – advertising media, media planning , media research , media selection .	• To provide the knowledge regarding copy creations and media selection.
3	Promotion Management	• Promotion – Meaning, Definition, Objectives, factors affecting promotion, growth, techniques, Media technology used for promotions. • Strategic Promotion – strategic and promotion, cross promotion, surrogate promotion.	• To make the student aware about promotion techniques.
4	Online advertising	• Online advertising – pre-requisites of online advertising, Internet Advertising Today, purpose, types, advantages, social media advertising.	• To cultivate the knowledge regarding online advertising and various types.

Teaching Methodology:

Teaching Hours Theory + Tutorials /Project	Innovative methods to be used	Projects	Teaching Outcome
Unit 1 -10 Hours	Understanding concept of advertising and its effectiveness. Read, Watch and analyse the advertise effectiveness	A report on advertising policies used by any one company.	To learn the effectiveness of advertising on performance and profit.
Unit 2 -14 Hours	Case lets solutions and discussion on the same.	Make a PPT on different modes advertising layouts, components, layout format.	Understanding the copy creations, medias planning and media selection.
Unit 3 - 14 Hours	Students' presentation on sales promotion, techniques, caselets solution, group discussion.	A mini project on types promotion techniques	To understand the effectiveness of promotion.
Unit 4 - 10 Hours	Presentation and display on online advertising .discussion on the same.	Draw a flow chart of online advertising	To understand the advantages of online advertising.
And Tutorial -			

Evaluation

Unit Number	Internal Evaluation		External Evaluation
	Evaluation of students on the basis of	**Marks**	
I	• Role Play.	30 20	25% MCQ 35% short notes 40% long answers
II	• Caselet Solution & Discussion		
III	• Students Presentation. • Caselet Solution & Discussion.		
IV	• Presentation and viva – 20		

Total –	**50 Marks**	**50 Marks**

Suggested References:

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Marketing management	Philip kotler , kellerjha-	Pearson education	New Delhi
2	Advertising and Promotion	Belch and Belch	Tata MC Graw Hill	New Delhi
3	Advertising Management	*Rajeev batra and davidaaker*	Pearson education	New Delhi
4	Sales Promotion	M.N.Mishra	Himalaya publishing house	New Delhi
5	Advertising and IMC (principles and practices)	William.D. Wells and sandra, pearson	Pearson education	New Delhi

Savitribai Phule Pune University
Question paper Pattern 2019 for SY BBA
University Examination Sub: Advertising and Promotion Management
Course Code – 405 A
Credit - 4 (3+1)

Q.No.	Compulsory / Choice	Nature of Question	Marks	Total Marks

1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	5	10 Marks
		Match the Pairs	5	
2	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
3	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
4	Solve any 4 out of 6	Short Notes	4*5 Marks	20 Marks
	Total			50 Marks

Savitribai Phule Pune University
SY BBA Semester IV (CBCS) Pattern 2019
Course: Digital Marketing- DSE 406 A- MM
Course Code – 406 A-MM
Credit –(2+ 2) = 4

Depth of the Course: Reasonable Knowledge and Insights in Digital Marketing.

Course Objectives:

1. To provide students with the Knowledge about business advantages of the digital marketing and its importance for marketing success.
2. To help students become In demand professional by being acquainted through various Digital channels & their ways of Integration.
3. To get Basic Knowledge of Google Analytics for measuring effects of Digital Marketing & getting Insights of Future trends that will affect the future development of the digital marketing.

Unit No	Unit Title	Contents	Purpose & Skills to be develop
1.	Introduction to Digital Marketing	• Concept and meaning of Digital Marketing, Digital Marketing Process • Meaning of Visibility, Increasing Visibility, Types of visibility, and Examples of visibility. • Concept of Engagement, Visitors Engagement, its importance and examples of engagement. • Bringing Targeted Traffic • Inbound and outbound marketing • Converting Traffic into Leads, Types of Conversion, Understanding Conversion Process • Tools of Digital Marketing	• To understand the role & Importance of Digital Marketing. • To learn how Digital Marketing impacts the Sales of an Organization • To understand the overall effect of Digital Marketing upon the sales of an Organization. • To develop digital strategy to influence consumer behaviour.
2	Digital Marketing Planning and Structure	• Creating initial digital marketing plan, Target group analysis, Inbound vs Outbound Marketing, • Content Marketing, Understanding Traffic, Understanding Leads, Strategic Flow for Marketing Activities. • WWW, Domains, Buying a Domain, Website Language & Technology, Core Objective of Website and Flow, • One Page Website, Strategic Design of Home Page, Optimization of Web sites, Design of WordPress web, SEO Optimization, Introduction to Web analytics, Web analytics – levels	• To develop the conceptual insights for Digital Marketing. • To develop the right understanding of the situations as they are influenced under Digital Marketing.

3	Social Media Marketing	• Introduction of Social Media Marketing, Procedure and Fundamentals of – • Facebook Marketing, • Google AdWords, YouTube Marketing, • Email Marketing - Content Writing	• To understand the role of Facebook, Google Ad words, YouTube and Email in digital marketing. • To understand the importance of Digital Platforms & its impact upon the performance of the organizations in complex & varied environment.
4	Computer Laboratory Work	Digital marketing (also known as data-driven marketing) is an umbrella term for the marketing of products or services using digital technologies, mainly on the Internet, but also including mobile phones, display advertising, and any other digital medium. (UI and UX) PPC Advertising With Google Ad-words Create Search Campaigns Creating Display Campaign Optimising Display Campaign Remarketing Google Ad-words Social Media Marketing like ..... • Creating Search Engine Campaign Ads • Creating Display Campaign • Optimising Display Campaign • Creating Facebook Advertising Campaign and other social media campaign • Create Remarketing Campaign • PR, Digital Marketing, Event Management, Advertising, Packaging, Product Design, Trade Shows, Sponsorship etc. Usurers Interfere and Usurers Experience • Use of Marketing Communication tools effectively • Prepare the MARCOM strategy	• To have the hands on the designing of website and use of it • To know the optimum use of various social media platforms.

Teaching Methodology :

Teaching Hours Theory + Project	Innovative methods to be used		Expected Outcome
Unit I –10 Hours	Group wise presentation to understand Digital Marketing concept.	Individual Assignments to practice the basic concepts in Digital Marketing.	To have an adequate understanding of Digita Marketing, its scope, objectives, opportunities and its challenges.
Unit II–14 Hours	Case Study based session in which strategies are adopted by organizations.	Inviting Suggestions through an effective strategy to organizations based upon the analysis of the Case Study.	To help students develop an understanding towards Digital Strategy building & its effectiveness.
Unit III–14 Hours	Group discussion amongst the students for developing innovative Digital sales strategy to be followed by organizations in digital era.	Discussion & Analysis of success or failure factors behind the strategies implemented digitally.	To find out alternatives for Dynamic organization to ensure their success in highly competitive sales environment.
Unit IV-10 Hours		Designing digital media campaign using appropriate mix of Facebook, Google Ad words, Youtube and Email.	To use the digital tools effectively for marketing
Computer training Project		Anyone of the above	

Evaluation :

Subject	Internal Evaluation	External Evaluation	Suggested Add on Course
Unit – I		25% MCQ 35% short notes 40% long answers 25% MCQ	**Basics & Tools of Digital Marketing.**
Unit – II			
Unit – III			**Hands on Web site creation, SEO, etc**
Unit – IV	Practical Examination to be conducted in Computer Lab.Good combination of Oral+ Written Exam + Actual Practical Work can be conducted.		

Total –	**50 Marks**	**50 Marks**	

Suggested References:

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Digital Branding	Daniel Rowles	Kogan Page	New Delhi/Mumbai
2	Digital Marketing	Dave Chaffey	Pearson	Pune/ Mumbai
3	Marketing 4.0	Philip Kotler/Herman Kartajaya	Pearson	Pune/ Mumbai
4	Digital Marketing Strategy	Simon Kingsnorth	Kogan Page	Mumbai
5	Digital Marketing	Dave Chaffey/Fiona Ellis	Pearson	Mumbai
6	Social Media Marketing All-In-One for Dummies,	Jan Zimmerman and Deborah		

A 406 - Guidelines for Computer Training Courses

2 credits for project report and evaluation will be for Project and Viva for 50 marks.

Objectives of Computer Enabling Activities:

- To familiarize Computer Applications used in particular department and understanding jargons of that respective field.
- To understand various concepts and steps relating to designing of Computer Technologies and its applications in various fields.

Method of Conducting Practical Training.

Requirement – High Speed Internet or Wi-Fi , computer and screen. For the specialisation courses, teachers are requested to search and download the free demo modules available on the internet.

- Teachers will run the software through dummy entries and will explain the process to the students.
- Students are expected to learn from online demo modules and its utility in the business or actual life situations.

Expected Outcome: This will help the students to understand how the computers are used in business for collection of information, generating source of information, post entries, various information required to take decisions, data collection , identification of particular source of information and how the information is further processed. Reports are generated based on the filled data.

Project Guidelines for Students:

Students can search information after learning through demo. Students will prepare project report based on data collected (Online or off-line). They will have to prepare requirement sheets of various industries and will analyse computer enabled activities. The students will study various difficulties faced and identify probable solutions for the same.

Digital marketing (also known as data-driven marketing) is an umbrella term for the marketing of products or services using digital technologies, mainly on the Internet, which also includes mobile phones, display advertising, and any other digital medium. (UI and UX)

PPC Advertising With Google Adwords

Create Search Campaigns

Creating Display Campaign

Optimising Display Campaign

Remarketing Google Adwords

Social Media Marketing like .....

- Creating Search Engine Campaign Ads
- Creating Display Campaign
- Optimising Display Campaign
- Creating Facebook Advertising Campaign and other social media campaign
- Create Remarketing Campaign

- PR, Digital Marketing, Event Management, Advertising, Packaging, Product Design, Trade Shows, Sponsorship etc. Usurers Interfere and Usurers Experience
- Use of Marketing Communication tools effectively
- Prepare the MARCOM strategy

Savitribai Phule Pune University
Question paper Pattern 2019 for SY BBA
University Examination Sub: Digital Marketing
Course Code – 406 A
Credit - 4 (2+2)

Q.No.	Compulsory / Choice	Nature of Question	Marks	Total Marks
1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	5	10 Marks
		Match the Pairs	5	
2	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks

3	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
4	Solve any 4 out of 6	Short Notes	4*5 Marks	20 Marks
	Total			**50 Marks**

Savitribai Phule Pune University
SY BBA Semester III (CBCS) Pattern 2019
Course: Business Taxation- 405- B-FM
Course code 405 –B-FM
Credits: (3+1) = 4

Depth of the Course: Understanding Core Aspects of Business Taxation.

Course Objectives:

1. To understand different concepts & definitions under Income Tax Act 1961.
2. To understand the importance of Taxation to the students.
3. To update the students with the latest development in the subject of Taxation.

4. To acquire knowledge about the submission of Income tax returns.
5. To prepare students competent enough to take up to employment in tax planner.
6. To develop ability to calculate taxable income of the person as per Income Tax Act 1961.

Unit No.	Unit Title	Contents	Purpose & Skills to be developed
I	Introduction to Income Tax act 1961.	• Income Tax Act -1961 (Meaning, Concepts and Definitions) • History of Income Tax in India, Fundamental concepts and definitions under Income Tax Act 1961, • Canons of Taxation, • Objectives of Income Tax, • Taxation structure in India, • Concept and definitions- Income, Person, Assessee, Assessment year, Previous year, Residential Status of an Assessee. Permanent Account Number (PAN)- Uses & Benefits.	• To understand the basic concepts of Income tax act. • To know & study the tax structure of India. • Understanding the historical background of Indian Income tax structure.
II	Heads of Income and computation of total income as per Income Tax 1961.	Different heads of Income: - a) Income from Salary: Salient features, meaning of salary, allowances and tax Liability- Perquisites and their Valuation Deduction from salary. (Theory and basic practical cases) b) Income from House Property: Basis of Chargeability- Annual Value- Self occupied and let out property- Deductions allowed. (Theory and Basic Practical Cases). c) Profits and Gains of Business and Profession: Definitions, Deductions expressly allowed and disallowed. d) Capital Gains: Chargeability- Meaning and concept of Short term and long term capital gains-permissible deductions (Only Theory).	• To understand & study different heads of income under income tax act 1961. • To know various exemptions & deductions under Income tax act 1961. • To know the tax compliances of business & Individual person.

		e) Income from Other Sources Chargeability- Meaning and concept –Inclusion and deduction.(only Theory).	
III	Computation of Total Taxable Income & Filing of Online ITR.	• Meaning and concept, Gross Total Income - deduction u/s-80 and Tax Liability for respective Assessment year. • Form 26 AS- Uses • Various types of ITR, • Procedure to file various online ITRs. • Refund of Tax.	• To understand the computation of total taxable income. • To know & understand the procedure of online ITR filing.
IV	Other important aspects of Income tax act 1961	• Tax deducted at source (TDS), (TDS section 192-194) • Tax Collection at Sources (TCS) • Advance payment of Tax, • Methods of payment of Tax, (Theory Only).	• To acquire the knowledge about important concepts of Income tax act 1961, such as TDS, TCS, Advance tax etc.

Teaching Methodology: -

Teaching Hours Theory + Tutorials /Project	**Innovative Methods to be used**	**Practical/tutorials**	**Expected outcome**
Unit 1 -10 Hours	Interactive Sessions followed by feedback, You Tube Videos for better understanding of history of Indian Income tax structure.	Group discussion on tax structure of India can be conducted. Use of PAN & its benefits & applications can be discussed.	Learning will be more practical based on theory, thereby aid students in better understanding.

Unit 2 -14 Hours	Use of e-content to understand different forms of Income under income tax act 1961. Conceptual short videos can be given to the students for better understanding.	Short videos of different heads of income can be created. Practical assignments to be given to students, students may collect comprehensive data regarding all the heads of income, it can be studied in a group.	Development of interest in Indian tax regime. Make students aware about different heads of income to understand Income tax act 1961.
Unit 3 - 14 Hours	Use of Income tax website/portal to show students all types of ITR utilities. Comprehensive list of exemptions U/S 80 can be prepared & be given to students for study.	Students are required to prepare consolidated ITR of all five heads of income. Students can take any assumption based example of having income from all the sources.	Understanding of actual online ITR filing. Making students aware about exemptions u/s 80 of Income tax act 1961.(as per the union budget of every financial year by Government of India).
Unit 4 - 10 Hours	Arranging Sessions of tax experts to understand various important concepts of Income tax act.	To understand various types of TDS &it's sub-sections, it can be divided among the group of students, their PPT presentations can be taken to make everyone understand.	Understanding of various types of TDS (From section 192-194 including its sub-sections). Making students aware about different rate of TDS for different sections under Income tax act 1961.
Tutorial			

Evaluation: - Internal 50 and External 50

Subject : Business Tax	**Internal Evaluation**	**External Evaluation** 50 marks Paper
Unit – I	Internal Assessment 30 marks and Practical based Viva 20 marks total 50 marks	(Based on Theory & Practical) **50% Theory & 50% Practical Problems**
Unit – II		
Unit – III		
Unit – IV		
	50 Marks	50 Marks

Notes: 1. Amendments made prior to commencement of every Academic Year in the above act should be considered.

2. Theory questions will carry 50% marks.

3. Problems will carry 50 % marks.

Suggested References: -

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Taxmann's Students' Guide to Income Tax.	Dr.Vinod K Singhania and Dr. Monica Singhania	Taxmann Publication.	New Delhi.
2	Practical Approach to Income Tax	GirishAhuja, Ravi Gupta	Wolters Kluwer India Private Limited	New Delhi.
3	Indian Income Tax Ac	H.C.Malhotra	SahityaBhavan Publication.	Mumbai.
4	Income Tax Laws	V K Singhannia,	Taxmann Publication.	New Delhi.
5	Direct Taxes	B. B. Lal, N. Vashisht.	I K International Publishing House Pvt. Ltd.	New Delhi.
6	Students Handbook on Taxation	T N Manoharan& G R Hari	Snow White	--
7	Direct Tax Laws and Practice	VinodSinghania	Taxmann Publication.	New Delhi.

Savitribai Phule Pune University
Question paper Pattern 2019 for SY BBA
University Examination Sub: Business Taxation
Course Code – 405 B
Credit - 4 (3+1)

Q.No.	Compulsory / Choice	Nature of Question	Marks	Total Marks

1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	5	5 Marks
2	Solve any 1 out of 2	Problem on income for salary with computation of tax liability	1*15 Marks	15 marks
3	Solve any 1 out of 2	Problem on house property with basic adjustment	1*10 Marks	10 Marks
4	Solve any 1 out of 2	Long answer question	1*10 Marks	10 Marks
4	Solve any 2 out of 4	Short Notes	2*5 Marks	10 Marks
	Total			50 Marks

Savitribai Phule Pune University
SY BBA Semester IV (CBCS) Pattern 2019
Course: Financial Services. 406 B- FM
Course code: 406 B-FM
Credits: 4 = (2+2)

Depth of the Course: Fundamental knowledge of financial services.

Course Objectives:

1. To Study in detail financial services in India.
2. To study & Understand working of Indian financial system.
3. To make the students well acquainted regarding financial markets.

Unit No.	Unit Title	Contents	Purpose & Skills to be developed
1	Indian Financial system: an overview	• Introduction to Indian Financial System • Structure of Financial system- financial institutions, markets, financial instruments and financial services. • Overview of Indian Financial System • Financial intermediaries in Financial System- Merchant Bankers, underwriters, depositors, Brokers, Sub brokers, bankers.	• To study & understand the basic concepts of Indian Financial system. • To take an overview of Financial structure of the nation.
2	Fundamental of Financial Markets	• Primary Markets: Meaning, functions, Role in Economic Development. • Secondary markets: Meaning, functions, Role in Economic Development. • Issue & Management of IPOs • Role of stock Exchanges in economic development. BSE, NSE, OTCEI- Functions. • Money Market Instruments. • Difference between Money Market & Capital Market.	• To understand the functioning of primary & secondary market. • To study the role of stock exchanges in India.
3	Financial Services in India and Derivatives &Commodity Market	• Mutual Funds- Meaning, Types, Advantages and Disadvantages, Factors affecting investment in mutual fund. Mutual fund investment- Selection of best mutual funds. • Factoring- Meaning, types, advantages and disadvantages.	• To Study & examine various financial services provided by various financial institutions in India

		• Venture Capital- meaning, importance, process. • Credit rating Agencies-Importance & Role. Derivatives- Meaning & Definition, Importance. • Future and Options- meaning, types, importance. • basics of Future, Forward, Option contracts, Swaps, Hedging, Swap etc. • Commodities, Multi Commodity Exchange of India Limited (MCX)- Functioning & Importance. • Exchange traded funds- Functioning & Importance.	• Basic knowledge of derivatives & Commodity market.
4	Computer laboratory work	•	

Teaching Methodology

Teaching Hours Theory + Tutorials /Project/ Practical	**Innovative methods to be used**	**/Tutorials /Project for 1 credit – (If Applicable)**	**Expected Outcome**
Unit 1- 10 Hours	PPT, Video, Group discussion,	• Guest lecture on Indian Financial system • PPT	Understanding of Financial system of India.
Unit 2- 14 Hours	PPT, Video, Group discussion	• Visit to BSE OR NSE • Study of different types of Debt equity listed at stock market • Comparative study of IPO launched in last 5 years	Understanding of the functioning of Financial markets of India.
Unit 3- 14 Hours	PPT, Video, Group discussion	• Different types of Mutual funds introduced in last 5 years • Study of mutual funds on the basis of risk, return and investors preference Opening Demat account and live trading • Virtual trading	Actual functioning of financial institution of India. Understanding new trends of financial market. Making students aware about derivatives & commodity market.

Unit 4- 10 Hours	PPT, Video, Group discussion	This will help the students to understand how the computers are used in business for collection of information, generating source of information, post entries, various information required to take decisions, data collection , identification of particular source of information and how the information is further processed. Reports are generated based on the filled data.
Project	Computer training	

B-406 - Guidelines for Computer Training Courses

2 credits for Project Report and evaluation will be based on Project and Viva for 50 marks.

Objectives of Computer Enabling Activities:

- To familiarize Computer Applications used in particular department and understanding jargons of that respective field.
- To understand various concepts and steps relating to designing of computer technologies and its applications in various field.

Method of Conducting Practical Training:

Requirement – High Speed Internet or Wi-Fi , computer and screen.

For the specialisation courses, teachers are requested to search and download the free demo modules available on the internet.

- Teachers will run the software through dummy entries and will explain the process to the students.
- Students are expected to learn from online demo modules and its utility in the business.

Expected Outcome: This will help the students to understand how the computers are used in business for collection of information, generating source of information, post entries, various information required to take decisions, data collection , identification of particular source of information and how the information is further processed. Reports are generated based on the filled data.

Project Guidelines for Students:

Students can search information after learning through demo. Students will prepare project report based on data collected (Online or off-line). They will have to prepare requirement sheets of various industries and will analyse computer enabled activities. The students will study various difficulties faced and identify probable solutions for the same.

Tentative projects for Financial Services B 406

Practical - Course Details (Students can prepare the project individually or in a group and can (select any) five topics from the list.

- Computers in Banking and Financial Institutes
- Concept of Core Banking Details , standalone system and new integrated system
- Basics of Banking Software , Web server technology , Standards for Core Banking Software
- General Guidelines for using software, Cloud Security
- Online banking , internet banking UPI payments and Payment gateways , Security aspects for the same.
- Demo on free online banking software by using Projects
- For Example - Collect information **There are three core banking software/systems used by different banks in India;**
  For Example -
- Finacle by Infosys.
- BaNCS by TCS.
- Flexcube by Oracle.
- Blockchain . ...

- Artificial Intelligence. ...
- Mobile Banking. ...
- Customer Relationship Management (CRM) ...
- Cyber security.
- IT report of Banking technologies on - **Future of Banking** :Fintech firms and bigtech how the information is captured capturing value chain, providing services such as payments, checking etc.
- **IT in banking sector - Technologies** include Artificial Intelligence (AI), big data, robotic process automation (RPA), The Controller of Certifying Authorities, Institute for Development and Research in Banking Technology (IDRBT)
- Certification Authority (CA) for digital signatures. Process of registration authorities (RA) negotiated dealing system (NDS), the electronic clearing service (ECS) and electronic funds transfer (EFT)
- Customer-to-customer one-click payments, the consumer-to-business effortless digital banking system, password-free biometrics, new crypto currency opportunities, location administrations and offers, and conversational Interface

Evaluation

Internal Evaluation	**External Evaluation**
30 marks for project+ 20 marks viva= 50 marks	25% MCQ , 35% Short Notes , 40% Long Answers

Suggested references

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Capital Markets and Financial Services	Srinivasan D.	Everest Publishing House	Delhi
2	The Indian financial System	Vasant Desai	Himalaya	Delhi
3	Financial Markets & Services	Financial Markets & Services	Himalaya	Delhi
4	Financial Services and Markets	Dr.S.Gurusamy	Thomson	Delhi
5	Financial Markets, Institutions, And Financial Services	Clifford Gomez	Online	
6	Financial Institutions & Markets	Bhole	Tata McGraw hill Education Pvt Ltd.	New Delhi.
7	Indian Financial System	M. Y. Khan	Tata McGraw hill Education Pvt Ltd.	New Delhi.

Savitribai Phule Pune University
Question paper Pattern 2019 for SY BBA
University Examination Sub: Financial Services B
Course Code – 406 B
Credit - 4 (2+2)

Q.No.	Compulsory / Choice	Nature of Question	Marks	Total Marks
1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	5	10 Marks
		Match the Pairs	5	
2	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
3	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
4	Solve any 4 out of 6	Short Notes	4*5 Marks	20 Marks
	Total			**50 Marks**

Savitribai Phule Pune University
SY BBA Semester IV (CBCS) Pattern 2019
Course- Human Resource Management Functions& Practices- DSE 405 C- HRM
Course Code: DSE- 405 –C-HRM
Credits: (3+1) = 4

Depth of the Course-Comprehensive Knowledge of Human Resource Management Functions & Practices

Course Objectives:

1. To acquire comprehensive Knowledge of Human Resource Management Functions & Practices.
2. To explain the methods of Performance Appraisal, Training, Executive Development and Employee Compensation.
3. To acquire knowledge about various HR practices adopted by the organization.

Unit No.	Unit Title	Contents	Purpose & Skills to be develop
1	Introduction to HRM Functions, Performance Appraisal, Training and Executive Development	• Introduction to HRM Functions , • **Performance Appraisal:** Meaning, Definition, Purpose, Approaches, Process, Methods- Traditional and Modern Methods. Errors. Job Evaluation V/S Performance Appraisal. • Promotion, Demotion, Transfer and Separation. • **Training-** Meaning, Definition, Purpose, Areas, Importance, Process, Methods; E-Training	• To understand and explain the Concepts of Performance Appraisal, Training and Executive Development. • To make use of Methods Performance Appraisal, Training and Executive Development for overall development of the Organisation.

		• **Executive Development -** Meaning, Definition, Objectives, Process and methods, E-Development, Difference between Training and Executive Development.	
2	Employee Compensation and Other Functions of HRM	• **Employee Compensation :**Meaning, Definition, Objectives, Employee Compensation Administration, Determinants of Employee Compensation, Methods, Fringe Benefits. • **Other Functions of HRM:** Personnel Research, Human Resource Accounting (HRA), Strategic Human Resource Management	5. To understand and explain the Concepts of Employee Compensation and other functions of HRM. 6. To make students understand how Employee Compensation and other Functions of HRM play a vital role in the Organisation.
3	Introduction to HRM Practices, Workers Participation in Management	• Introduction to HRM Practices, • **Workers Participation in Management:** Definitions, objectives, Importance, • Forms, • Workers participation in Management practices in India.	• To develop an understanding about how Workers Participation is an important aspect in an organization and various forms of WPM.
4	Organisational Development	• **Organisational Development:** Concept and objectives of OD - Organisational development programme, organizational Development process power politics and ethics in OD – • Organizational learning organizational Development Interventions.	• To develop an understanding among the students regarding OD Programme and its interventions.

Teaching Methodology

Teaching Hours Theory + Tutorials /Project Practical	Innovative methods to be used	Expected Outcome
Unit 1 -10 Hours	1. Chart preparation and Presentation of Process of Performance Appraisal, Training and Executive Development.	1. Better understanding of Processes of Performance Appraisal, Training and Executive Development through Charts Presentations.

	2. Caselets on Performance Appraisal, Training and Executive Development. 3. Role plays on Promotion, Demotion, Transfer and Separation.	2. Development of Problem-solving and decision making skills of students.
Unit 2 -14 Hours	1. Project report on Fringe Benefits of anyone organisation. 2. Caselets on Employee Compensation and other Functions of HRM.	1. Better understanding of Fringe Benefits and its application in Organisation. 2. Development of Problem-solving and decision making skills of students.
Unit 3 - 14 Hours	1. Role-Plays on Workers Participation in Management. 2. Caselets on Workers Participation in Management.	1. Better Understanding of importance of WPM. 2. Development of Problem-solving and decision making skills of students.
Unit 4 - 10 Hours	1. Group Discussion/ Debate on Organizational Power and Politics. 2. Caselets on Organisational Development Programme and Interventions.	1. Creation of awareness about Organizational Power and politics. 2. Understanding of Application of OD Interventions. 3. Development of Problem-solving and decision making skills of students.
Tutorial	**Students can prepare project on any topic which they have learnt under this subject.**	Develop better understanding of theoretical concepts by undergoing the project.

Evaluation

Unit Number	**Internal Evaluation**		**External Evaluation**
	Evaluation of students on the basis of	**Marks**	
I **II** **III** **IV**	1. Role Play 2. Chart Preparation and Presentation 3. Debate 4. Group Discussion 5. Caselet Solution & Discussion	30	25% MCQ 35% short notes 40% long answers
Project	3. Project Submission. 4. Presentation.	20	
	Total –	**50 Marks**	**50 Marks**

Suggested references:

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Human Resource Management	L. M. Prasad	Sultan Chand & Company Ltd.	New Delhi
2	Human Resource Management	K. Ashwathappa	Tata McGraw Hill	New Delhi
3	Personnel Management	C. B. Mamoria	Himalaya Publishing House	Mumbai
4	Personnel & Human Resource Management	A.M. Sharma	Himalaya Publishing House	Mumbai

Savitribai Phule Pune University
Question paper Pattern 2019 for SY BBA
University Examination Sub: Human Resource Management Functions & Practices
Course Code – 405 C
Credit - 4 (3+1)

Q.No.	Compulsory / Choice	Nature of Question	Marks	Total Marks
1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	5	10 Marks
		Match the Pairs	5	
2	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks

3	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
4	Solve any 4 out of 6	Short Notes	4*5 Marks	20 Marks
	Total			50 Marks

Savitribai Phule Pune University
SY BBA Semester III (CBCS) Pattern 2019
Course : Employee Recruitment & Record Management DSE- 406 C- HRM
Course Code: DSE-406 C- HRM
Credits: 4 = (2+2)

Depth of the course- Functional Knowledge

Course Objectives:

1. To study and explain employee acquisition and its importance in industry.
2. To cultivate right approach towards employee recruitment and record management.

Unit No.	Unit Title	Contents	Purpose & Skills to be Develop
1	Manpower Planning and Forecasting	• Manpower planning, Meaning, Definition, Need, Objectives, Levels, Importance, • Process, Techniques of Manpower Forecasting, • Factors influencing estimation of Manpower, • Barriers to Manpower Planning	1. To study and explain Process and Importance of Manpower Planning. 2. To understand the Techniques of Manpower Forecasting.

2	Recruitment and Selection	• **Recruitment** : Meaning, Definition, Need, • Factors Affecting Recruitment, Internal and External Sources of Recruitment and its Advantages and Disadvantages, • Traditional and New Methods of Recruitment- E-Recruitment, Talent Acquisition, • Difference between Recruitment and Talent Acquisition. • **Selection:** Meaning, Definition, Process, Difference between Recruitment and Selection,	1. To Study and Explain the Sources and Methods of Recruitment. 2. To understand detailed Process of Selection in the Organisation.
3	**Employee Record Management**	Meaning, Definition, Essentials of a Good Record Principles of Record Keeping, Precautions in Maintaining Records, Importance of Employee records, Types of Employee records.	1. To gain knowledge & Applications of Employee Record Management in Organisation. 2. To understand the types of Employee Records.
4	Computer Course (Prescribed Course or Online Course) C-406 HRM Tentative –Computer Enabled Project Topics for C-406 Practical - Course Contents (students can perform the project in the group or individual and can opt five topics from the list .	• Blockchain integration. ... • People analytics tools. ... • Real-time performance management. ... • Biometric time tracking. ... • Connected platforms in the workplace. ... • Harassment-reporting tools. • HRMS Business Value • HCM cloud application • Employees engagement • Human Resources Cloud Powerhouse emerging technologies, including AI, chatbots, blockchain, and the Internet of Things (IoT). • Data Security and Privacy Controls HRMS to Oracle HCM Cloud, • Core Human Resources	• To familiarise Computer applications used in particular department and understanding jargons of the field. • To understand various concepts and steps relating to designing of computer technologies and its applications in various field.

		• Onboarding • Benefits • Absence Management • Workforce Modeling and Predictions • Workforce Directory • HR Help Desk • Work Life Solutions • Advanced HCM Controls	

Teaching Methodology

Teaching Hours Theory + Practical, Computer Lab	Innovative methods to be used	Expected Outcome
Unit 1- 10 Hours	1. Preparation and Presentation of Chart of Process of Manpower Planning and Techniques of Manpower Forecasting. 2. Caselets on Manpower Planning and Forecasting. 3. Instead of types of Interviews you can state how to face interviews. 4. Case studies signifying application of different trends in HRM	1. Better understanding of the Process o Manpower Planning. 2. Describes the understanding of Techniques o Manpower Forecasting.
Unit 2- 14 Hours	1. Group Discussion/ Debate on Internal Sources V/S External Sources of Recruitment. 2. Project Report on Application Blank Formats and Reference Check Formats of Small scale, Medium Scale and Large Scale Industry. 3. Caselets on Recruitment and Selection. 4. Newspaper cut outs showing different recruitment adds,	1. Develop the knowledge & ability of the students about Advantages and Disadvantages of Internal Sources External Sources o Recruitment . 2. Better understanding of Process of Selection.

Unit 3- 14 Hours	1. Guest Lecture on New Trends in Employee record Management. 2. Caselets on Employee Record Management 3. Students' participation in workshops, conferences to emphasize on and off the job training.	1. Better understanding of New Trends in Employee record Management.
Unit 4- 10 Hours	• Teachers will run the software through dummy entries and will explain the process to the students. • Students are expected to learn from online demo modules and its utility in the business	1. This will help the students to understand how the computers are used in business for collection of information, generating source of information, post entries, various information required to take decisions, Data Collection identification of particular source of information and how the information is further processed. Reports are generated based on the filled data.
Computer Training		

C 406- Guidelines for Computer Training Courses

2 credits for project report and evaluation will be for Project and Viva for 50 marks.

Objectives of Computer Enabling Activities:

- To familiarize Computer Applications used in particular department and understanding jargons of the respective field.
- To understand various concepts and steps relating to designing of computer technologies and its applications in various field.

Method of Conducting Practical Training:

Requirement – High Speed Internet or Wi-Fi , computer and screen.

For the specialisation courses, teachers are requested to search and download the free demo modules available on the internet.

- Teachers will run the software through dummy entries and will explain the process to the students.
- Students are expected to learn from online demo modules and its utility in the business.

Expected Outcome: This will help the students to understand how the computers are used in business for collection of information, generating source of information, post entries, various information required to take decisions, data collection , identification of particular source of information and how the information is further processed. Reports are generated based on the filled data.

Project Guidelines for Students:

Students can search information after learning through demo. Students will prepare project report based on data collected (Online or off- line). The students will have to prepare requirement sheets of various industry and will analyse computer enabled activities. The students will study various difficulties faced and identify probable solutions for the same.

Evaluation

<table>
<tr><th>Subject</th><th>Internal Evaluation</th><th>External Evaluation</th></tr>
<tr><td>Unit – I</td><td rowspan="4">Practical Examination to be conducted in Computer Lab.Good combination of Oral+ Written Exam + Actual Practical Work can be conducted.</td><td rowspan="3">25% MCQ
35% short notes
40% long answers
(50 marks)</td></tr>
<tr><td>Unit – II</td></tr>
<tr><td>Unit – III</td></tr>
<tr><td>Project VIVA</td><td>--</td></tr>
<tr><td>Total –</td><td>50 marks</td><td>50 marks</td></tr>
</table>

Suggested References:

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Human Resource Management	L. M. Prasad	Sultan Chand & Company Ltd.	New Delhi
2	Human Resource Management	K. Ashwathappa	Tata McGraw Hill	New Delhi
3	Personnel Management	C. B. Mamoria	Himalaya Publishing House	Mumbai
4	Personnel & Human Resource Management	A.M. Sharma	Himalaya Publishing House	Mumbai
5	Human Resource Management	S. S. Khanka	Sultan Chand & Company Ltd.	New Delhi

Savitribai Phule Pune University
Question paper Pattern 2019 for SY BBA
University Examination Sub: Employee Recruitment & Record Management
Course Code – 406 C
Credit - 4 (2+2)

Q.No.	Compulsory / Choice	Nature of Question	Marks	Total Marks
1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	5	10 Marks
		Match the Pairs	5	
2	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
3	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
4	Solve any 4 out of 6	Short Notes	4*5 Marks	20 Marks
	Total			**50 Marks**

Savitribai Phule Pune University
SY BBA
Semester IV (CBCS) Pattern 2019
Subject: Banking and Insurance Management –DSE 405 D-SM
Course Code – 405 D-SM
Credits – (3+1) = 4

Depth of the Syllabus: Functional Working Knowledge

Course Objectives:

1. To create the awareness among the students of Indian banking and insurance services offered.
2. To enables students to understand the various services& other developments in the Indian banking and Insurance service sector.
3. To provide students insight into Functions & Role of modern services offered to cater the current needs.
4. To enable students to understand the various digital platforms offered by Banking and Insurance sector to cater the emerging trends.

Unit No	Unit Title	Contents	Purpose and Skills to be Developed
1	Customer Relationship Management in Banking and Insurance Sector	• Customer Relationship Management in Indian Banking and Insurance sector- Introduction, objectives, Process, importance. • Customer service in banks; Emerging trends, Role of Marketing officer, Branch to door servicing, Bank marketing to urban – rural areas. • Customer Relationship Management through Call Centres in Banking sector, E- CRM in Banking and Insurance sector, Relationship marketing for creating value in business & market. • Ombudsman Scheme – Scope, types of complaints, mechanism of redressal, major provisions for Banking and Insurance policies.	• Understand the Role and concept of CRM services in Banking and Insurance sector. • Understand the role of Ombudsman services offered.
2	Retail Banking Services	• Retail Banking- Introduction, Scope in India, Trends in retailing - New products like Insurance-online / Phone	• Understand the ancillary retail banking services offered and its importance.

		Banking, Call Centres, Property services, Investment advisory, Cross selling opportunities. Top ups Loans. • E banking – Electronic payment system, Types, Digital Token-based EPS, Smart Card EPS, Credit Card EPS, SMS banking. • Opening of Demat accounts, Role of Merchant Bankers, Wealth Management, Portfolio Management services.	Understand the electronic services offered by banks as an add on service.
3	Universal Banking Services	• Universal Banking Services - Concept, Services to Government, Payment & Settlement, Merchant Banking, Mutual Fund, Depository Services, NRI Remittance. • Mobile Banking, App based Banking, Point of transaction (POS) Terminal, Unified Payment Services (UPI), kiosks, ATM's, Digital Signature, M – Wallets, Credit and Debit cards, Aadhar linking. • Online opening of bank accounts – savings & current, and application for credit cards, loan. Applicability of KYC norms in Banking Sector	Understand the services offered by banks for their products other than traditional banking.
4	Insurance Services and Types	• Introduction, emerging trends, Need and Importance, Purpose. • Types – Health, Motor, Travel, Home against loan Insurance,Electronic appliances, Cell phone Insurance, Pandemic Insurance, Cancer Insurance, Contract works Insurance, Education Insurance, Unit based plans, Micro wealth plans. • Pension and Group Schemes, Online KYC, Online policy buying and renewal, Mobile Insurance services, App based services, Collateral Insurance services, Modern payment mechanism services, online claims.	• Understand the need of emerging types of Insurance plans and policies. • Understand the online and digital medium of services offered by Insurance companies.

Teaching Methodology

Teaching Hours Theory + Tutorials /Project Practical	Innovative Methods to be used/ AV Applications	Project	Expected Outcome
Unit 1 -10 Hours	Films/Videos on CRM policies and services offered on Banking and Insurance sector. Videos/ Discussions on Importance of CRM services.	Listing out various services offered through CRM techniques in the banking and Insurance sector. List out the functions of Ombudsman.	To understand the role and significance of CRM in Banking and Insurance sector.
Unit 2 -14 Hours	Films/Videos on Importance of ancillary Retail banking and services. Case studies/Discussions on Retail banking services and its growth	List out the significance and evolution and growth of Retail banking and ancillary services offered in financial management.	To understand the functions and significance of Retail banking and its ancillary services.
Unit 3 - 14 Hours	Videos, Case Studies/ Discussions on Universal banking, and mobile banking services. Analysis of the universal and mobile banking services.	List out the Universal banking policies and services offered. Evaluate the growth and scope of universal banking services	To understand the concept and various services offered under Universal banking system.
Unit 4 - 10 Hours	Videos, Case Studies/ Discussion on Insurance services offered and its types. Videos, case studies on digital methods adopted by Insurance sector for offering services.	Identify various Insurance services offered by Insurance companies. List out various digital platforms rendered to offer services in Insurance sector. Students are expected to visit Minimum 5 banks & insurance organizations covering all business aspects Students shall prepare project report based upon these visits. Viva will be conducted at college level - For 20 marks	To Understand various novel services offered by Insurance companies along with traditional policies To understand various services of Insurance sector on digital platform.

Tutorial		Anyone of the above	

Evaluation:

Subject	Internal Evaluation	External Evaluation
Unit – I to IV	Internal evaluation for 30 marks MCQ on Banking Concepts MCQs, Short and long answers based on insurance industry, sales implementation concepts. MCQs Tutorial – presentation for 20 marks	25% MCQ 35% short notes 40% long answers
Total –	**50 Marks**	**50 Marks**

Suggested References: -

Sr. No.	Title of the Book	Author/s	Publication
1	Retail Banking.	Indian Institute of Banking and Finance,	Macmillan India Ltd (2010/Latest)..
2	Commercial Bank Management	Kanhaiya Singh and VinayDutta.	McGraw Hill
3	Bank management and financial services.	Rose, Peter, and Sylvia Hudgins	The McGraw− Hill,
4	Bank management: text and cases	Hempel, George H., Donald G. Simonson, and Alan B. Coleman,	Taxmann Publication.
5	E-Banking in India: Challenges and Opportunities-	RimpiJatana, R. K. Uppal .	-
6	Frontiers of E-Commerce	Ravi Kalakota, Andrew B. Whinston	Pearson Education
7	E-CRM – Concepts and Cases	MadhaviGarikaparthi,	The ICFAI University Press..

Savitribai Phule Pune University
Question paper Pattern 2019 for SY BBA
University Examination Sub: Banking and Insurance Management
Course Code – 405 D
Credit - 4 (3+1)

Q.No.	Compulsory / Choice	Nature of Question	Marks	Total Marks
1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	5	10 Marks
		Match the Pairs	5	
2	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
3	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
4	Solve any 4 out of 6	Short Notes	4*5 Marks	20 Marks
	Total			50 Marks

Savitribai Phule Pune University
SY BBA Semester IV (CBCS) Pattern 2019
Course: Social Service and NGO Management DSE- 406 D-SM
Course Code – 406 D-SM
Credits – (2+2) = 4

Depth of the Course: Functional Working Knowledge

Course Objectives:

1. The course is designed for the students, workers of social sectors and others who wish to develop orientation towards NGOs and their functioning. At the same time, the course is also beneficial for those who wish to attain skills and orientation in Social Work profession.
2. Understand the role and challenges of NGOs in the development concerns of the community
3. Exposure to the success stories of NGO and other organization - International / National / Regional level.

Unit No	Unit Title	Contents	Purpose and Skills to be Developed
1	Introduction to Professional Social Work	• Social Work: Definition, objectives, and functions – Historical development of social work in India, Social work education in India. • Contexts of social work practice – Social service, Social welfare, Social reform, Social policy, Social security, Social justice and Social development. • Social Work as a Profession – Qualities of EQ and Ethics in social services ,Philosophy, values, principles and code of ethics of professional social work – • Knowledge and Skills base of social work – Tenets of the social work profession. Registration Process for entering in the social work field.	• Understand the Role and Scope of Social Work with various aspects. • Understand the concepts and role Social Work practice.
2	Social Casework as a method of Social Work –	• Concept & Definition – Historical development of Social Casework – Distinctions between needs and wants,	• Understand the role of Social Individual and Group work.

		• Social Individual and Group Work – Objectives, Concept, Historical development of Group Work, Values and Skills, Principles and Purpose. • Tools and Techniques - listening, observation, Interview , home visits, collateral contacts, emotional support, advocacy, role • playing, confrontation. • CSR Management – Purpose, Need and Role of Industry. • Fieldwork – Nature and objectives – Importance of field work supervision Professional Associations of social work • Methods of community organization – Awareness creation, Planning and Organizing, Education, Networking, Society Participation, Leadership • Community organization with vulnerable communities – Migrants, Refugees, Slum dwellers and transgender	• Understand the role of CSR and Community management towards Social Work.
3	Development and Importance of NGOS and Fundraising and Grant Proposals - Institutional Readiness	• Concept of Volunteerism, Charity, Welfare and Development, Historical perspective of Volunteerism in India • NGOs: An Introduction and Trends in NGOs in the past 10-40 years, NGO Success stories in India and foreign countries. • Concepts and Functions of NGOs, Challenges in NGO Management, Purpose of Social Welfare Boards, Philanthropy- Concept, Role in NGO and Social Mind-set. • National Policy- 2003 related to NGOs, Legal Aspects of NGOs, Trust Management – Concept, Purpose, legal aspects, Difference between Trusts and NGO. • Importance and Scope of Communication Skills, Interpersonal and Group Communication Defining appropriate marketing tools, Developing a coherent fundraising strategy • Grant Proposals - Identification of budget lines and donor expectations, Structure of grant proposals • Elaboration of a grant proposal, with good examples and exercises • NGOs, coordinating agencies, Funding Agencies and Schemes, International Organizations, National and Regional organizations. • Schemes for NGOs under various ministries of Government of India	• Understanding the role and importance of NGO in society. • Understanding various Functions, objectives and scope and legal aspects of NGO. • .Understand the process of fundraising and grant proposals to the Institutions. • Understand various schemes of NGO and the structure of grant proposals
4	Computer based laboratory	• Please refer end of syllabus	• .

Teaching Methodology

Teaching Hours Practical, Computer Lab –	Innovative Methods to be used/ AV Applications	Project	Expected Outcome
Unit 1- 10 Hours	Films/Videos/Case Studies on social work done all over the world.	Listing out various kind of social work undertaken all over the world by many organisations.	Understand the Role and Scope of Social Work with various aspects. Understand the concepts and role Social Work practice.
Unit 2- 14 Hours	Films/Videos/Case Studies on Social Individual Group Work and CSR activities done by corporates.	List out the CSR activities carried out by MNC's all over the world.	Understand the role of Social Individual and Group work. Understand the role of CSR and Community management towards Social Work.
Unit 3- 14 Hours	Case Studies NGO management and its functions and role.	List out various NGO's working actively and their contribution to the society.	Understanding the role and importance of NGO in society Understanding various Functions, objectives and scope and legal aspects of NGO
Unit 4- 10 Hours	Computer based laboratory		
Computer training			

D406 - Guidelines for Computer Training Courses

2 credits for project report and evaluation will be for Project and Viva for 50 marks.

Objectives of Computer Enabling Activities.

- To familiarise Computer applications used in particular department and understanding jargons of the field.
- To understand various concepts and steps relating to designing of computer technologies and its applications in various field.

Method of conducting practical Training.

Requirement – High Speed internet or Wi-Fi, computer and screen.

For the specialisation course teachers are requested to search and download the free demo modules available on the internet.

- Teachers will run the software through dummy entries and will explain the process to the students.
- Students are expected to learn from online demo modules and its utility in the business

Expected Outcome: This will help the students to understand how the computers are used in business for collection of information, generating source of information, post entries, various information required to take decisions, Data Collection , identification of particular source of information and how the information is further processed. Reports are generated based on the filled data.

Project guidelines for students.

Students can search information after learning through demo. Students will prepare project report based on data collected (Online or off line). They will have to prepare requirements sheet of various industry and will analyse computer enabled activities. They will study various difficulties faced and identify probable solutions for the same.

D 406 Social Service and NGO management (Services Management)

Tentative –Computer Enabled Project Topics D 406

Practical - course contents (students can perform the project in the group or individual and can ant five topics from the list .

Customer relationship - Delight & retain your customers by integrating real-time chat inside your website or mobile apps to provide instant & convenient support to your valuable customers.

Customer Management -Manage all your customer details at a single place with our flexible CRM solution. Build long term relationships with customers by using their order history details in the most effective way.

Business Analytics -Know numbers that matter the most to your business - repeat customers, most ordered items & revenues. Understand your customers' behaviour & target them with your new offerings.

- Creating Search Engine Campaign Ads
- Creating Display Campaign
- Optimising Display Campaign
- Creating Facebook Advertising Campaign and other social media campaign
- Create Remarketing Campaign
- PR, Digital Marketing, Event Management, Advertising, Packaging, Product Design, Trade Shows, Sponsorship etc. Usurers Interfere and Usurers Experience
- Use of Marketing Communication tools effectively
- Prepare the MARCOM strategy

Recommended Books:

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Introduction to social work.	Chowdhry, Paul.	Atma Ram and Sons	New Delhi
2	International social work	Cox, David and ManoharPawar	Vistar Publications.	New Delhi
3	Towards a philosophy of Social Work in India	Dasguta, S.	Popular Book Services	Mumbai
4	Concepts and methods of social work.	Gore, M. S	Prentice hall of India	Mumbai
5	Social work and social work education	Hepworth, Dean H.	Asia Publication House	Bombay

Savitribai Phule Pune University
Question paper Pattern 2019 for SY BBA
University Examination Sub: Social Service and NGO Management
Course Code – 406 D
Credit - 4 (2+2)

Q.No.	Compulsory / Choice	Nature of Question	Marks	Total Marks
1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	5	10 Marks
		Match the Pairs	5	
2	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
3	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
4	Solve any 4 out of 6	Short Notes	4*5 Marks	20 Marks
	Total			**50 Marks**

Savitribai Phule Pune University
SY BBA Semester IV (CBCS) Pattern 2019
Course : Rural Marketing : Concepts and Practices- DSE-405 E- ABM
Course Code – 405 E-ABM
Credits – (3+1) = 4

Depth of the Course: Conceptual understanding on the Rural Marketing with special reference to Indian context and develop skills required to planning of Rural Products.

Course Objectives:

1. To develop better understanding of the Indian Rural Economy.
2. Identification of challenges and opportunities in Rural Marketing.
3. To provide exposure to the Rural Marketing Environment and Rural Market.
4. To understand the applications of marketing to Rural Marketing.
5. To understand the application of the Rural Marketing Mix (4 A's) and (4 P's).

Unit No.	Unit Title	Contents	Purpose & Skills to be developed
1	Introduction to Rural Marketing	• Concept, Scope, Nature, and Evolution of Rural Marketing in India. • Factors affecting rural marketing: Socio-cultural, economic, and other environmental factors. • Rural Marketing Strategies: 4 P's and 4 A's., -Challenges and Future of Rural Marketing. • Indian Rural Market: Rural Vs Urban Market. • Rural Infrastructure: Connectivity, Electricity, Communication, Healthcare, Education.	**Purpose -:-** -Developing better understanding of Indian rural Economy -Better understanding of Rural Marketing Challenges and Opportunities in India. **Skills to be developed :-** -Analytical abilities : SWOT, SWAC Analysis etc.

2	Consumer Behaviour and Rural Marketing	• Characteristics of Buying Behaviour : • Awareness, Understanding, Consumer Purchase Decision, Salesmen influence. • Problems of Rural Consumer : • Adulteration, Short Weight and Measures, Behavioural Aspects: lack of awareness due to illiteracy(unfair Warranties and Guaranties). • Distribution Models in Rural Markets : • FMCGs, Durables, Agri-inputs. Haats, Vans. • PDS, Cooperative Societies, NGOs.	**Purpose :-** **-** Understanding of various characteristicsof Rural Consumer Behaviour. - Creating awareness about difference between Urban and Rural Consumer Behaviour. **Skills to be developed :-** -Development of Divergent and Convergent thinking abilities w.r.t. Rural Marketing and in general.
3	Agricultural Marketing And Role of Indian Government :	• Agricultural Marketing : • Importance, Prospects and Issues. • Role of Cooperative and Self Help Groups(SHG) in Rural Marketing. • Commodity Board: • Role and Contribution of Commodity Board in revenue generation and employment in rural India. • Agricultural Export :Role of (APEDA) • Contribution of Agricultural Export in generating revenue for India: Food Grains, Organic Products, Fruit Export. • Government and Rural India : • NREGA, Jan DhanYojana, Aysuhman Scheme, Skill Development. • Microfinance and Credit Services	**Purpose :-** -Identification of Rural Marketing Opportunities. - Understanding Potential of Rural Marketing. - Awareness of various Government schemes and Financial Assistance **Skills to be developed :-** - knowledge about self-employment -En-cashing the opportunities offered by the fund raising of Govt.
4	Recent Trends in Rural Marketing	• E- Commerce: Importance and Impact of E- Marketing on rural consumers, Concept of Digital Village, Role of Social Media in rural marketing. • Online Marketers: Role of online Marketers, Growth and Challenges.	**Purpose :-** -Highlighting recent trends in rural marketing. **Skills to be developed :-**

			Knowledge of recent trends in rural Marketing

Teaching Methodology (Pedagogy for Course Delivery) :-

Teaching Hours	Innovative Methods to be used	Expected outcome
Unit I-10 Hours	Interactive Sessions followed by feedback, Practical Assignments.	It enables students to learn the basics of Rural Marketing which will help them to provide vision for new businesses in rural market
Unit II-14 Hours	Group Discussion on opportunities in Rural Marketing, Theory lectures for conceptual understanding, Primary Research on Rural Consumer Behaviour.	Development of interest and positive approach towards Rural Marketing.
Unit III-14 Hours	Use of PPT for better understanding of various financial assistance and Government Schemes.	Ability to collect relevant data and its analysis and interpretation.
Unit IV- 10 Hours	Arranging Sessions of Experts from Rural Marketing and Presentations by students for self-learning.	Practical understanding of recent trends in Rural Marketing
Tutorial	Anyone of the above	

Evaluation: Internal Marks 50

Subject	Internal Evaluation	External Evaluation
Unit – I	Evaluation of the students on the basis of various criteria of assessment as prescribed by college and guidelines provided by SPPU.	25% MCQ 35% short notes 40% long answers
Unit – II		
Unit – III		
Unit – IV		
Total =4	**50 Marks**	**50 Marks**

Suggested References:-

Sr.No	Title Of the Book	Author/s	Publication	Place
1	The Rural Marketing	PradeepKashyap	Pearson, (Latest)	New Delhi
2	Rural Marketing in India	K.S.Habeeb-Ur-Rahman	Himalaya Publishing House	New Delhi
3	Indian Agricultural Since Independence	M.L.Dantwala	Oxford & IBH Publishing Co. Pvt. Ltd.	-
4	Rural Mraketing : Concepts & Practices	BalramDogra, KarminderGhuman	McGraw Hills	New Delhi

Savitribai Phule Pune University
Question paper Pattern 2019 for SY BBA
University Examination Sub: Rural Marketing : Concepts And Practices
Course Code – 405 E
Credit - 4 (3+1)

Q.No.	Compulsory / Choice	Nature of Question	Marks	Total Marks
1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	5	10 Marks
		Match the Pairs	5	
2	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
3	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
4	Solve any 4 out of 6	Short Notes	4*5 Marks	20 Marks
	Total			**50 Marks**

Savitribai Phule Pune University
SY BBA Semester IV (CBCS) Pattern 2019
Course: Banking Operations and Finance-DSE- E406-ABM
Course Code 406 E-ABM
Credits (2+2) =4

Depth of the Course: Reasonable Knowledge about available financial assistance for agriculture sector and rewards and risk associated with it.

Course Objectives:

1. To provide the management students with the knowledge of banking and finance in the area of agriculture.
2. To enable students to know various sources to avail agriculture finance.
3. To study computation of risk as well as rewards with respect to agriculture finance.

Unit No.	Unit Title	Contents	Purpose & Skills to be develop
1	Introduction to Agricultural Banking Operations and Finance	• Meaning of banking operations and finance • Need, importance and scope of agriculture finance • Various available types of available agriculture finance • Classification of types of finance for agri business • Scope of banking operations and finance in India for modern agriculture and related business	• To understand the basic concept of agriculture finance. • To understand the financial operations with respect to agriculture finance. • To study the importance and use of agriculture finance.
2	Sources of Agriculture Finance	**3.** Various types of finance available for agriculture and its related business **4.** Traditional and modern sources of finance **5.** Money lenders and Zamindars **6.** Institutional credit agencies like NABARD, Government co-operative societies, Commercial banks, Primary agriculture societies, Primary and Central land development banks, Kisan Credit Card	• To understand the various traditional and modern means of finance available for agriculture sector. • To study the benefits and drawbacks if any of various sources of agriculture finance. • To understand the operations with respect to availing finance from

			various financial institutions for agriculture.
3.	Computation of Risk and Rewards with respect to Agriculture finance	• Time value of money • Cost of capital • Capital budgeting decisions like NPV, ARR, IRR. Payback period, Cost of capital and Weighted average cost of capital 1. Whether to take or not decision	• To understand the various associated risk prevailing with agriculture finance. • To compute various financial risk using various modern tools of risk assessment. • To find out the real time value of returns or loss with respect to agriculture finance.
4	Computer Laboratory Work	• Introduction to IFFCO KisanApp,Agri Media Video App,KisanYojana,Mera mobile app, Crop Insurance Mobile App by Digital India • Online study of PM Fasal Bima Yojana, • Introduction to Agri-FintechstartupfarMart • All Agriculture Technology • Introduction to IFFCO KisanApp, Agri Media Video App, KisanYojana, Mera mobile app, Crop Insurance Mobile App by Digital India. • Online study of PM FasalBimaYojana. • Introduction to Agri-Fintech start-up far Mart.	• To give practical knowledge about the use of technology and applications used for agricultral banking and finance.

E 406 - Guidelines for Computer Training Courses

2 credits for project report and evaluation will be for Project and Viva for 50 marks.

Objectives of Computer Enabling Activities:

- To familiarize Computer Applications used in particular department and understanding jargons of the respective field.
- To understand various concepts and steps relating to designing of computer technologies and its applications in various field.

Method of Conducting Practical Training:

Requirement – High Speed Internet or Wi-Fi , computer and screen. For the specialisation courses, teachers are requested to search and download the free demo modules available on the internet.

- Teachers will run the software through dummy entries and will explain the process to the students.
- Students are expected to learn from online demo modules and its utility in the business.

Expected Outcome: This will help the students to understand how the computers are used in business for collection of information, generating source of information, post entries, various information required to take decisions, data collection , identification of particular source of information and how the information is further processed. Reports are generated based on the filled data.

Project Guidelines for Students:

Students can search information after learning through demo. Students will prepare project report based on data collected (Online or off- line). The students will have to prepare requirement sheets of various industry and will analyse computer enabled activities. The students will study various difficulties faced and identify probable solutions for the same.

Teaching Methodology

Teaching Hours Theory + Tutorials /Project Practical	Innovative methods to be used	Expected Outcome
Unit 1-10 Hours	1. Interactive teaching methods to be adopted. 2.Practically the importance of finance for agriculture sector should be explained to the students 3. Students belonging to agriculture background are to be requested to share their knowledge with respect to agriculture finance and its banking related experiences	• To understand the use of making available finance for agriculture sector in the most profitable manner. • To create interest among the students to take benefits of available finance for agriculture sector.
Unit 2 -14 Hours	1.Provide project work with respect to various operations of financial institutions in the area of agriculture 2. Government facilities like subsidies, low or no interest loans etc. to be explained through presentation. 3. Visits to various agricultural finance institutions can be planned fir better understanding of the topic.	• To understand the changing scenario of agriculture finance. • To understand the eligibility and procedure to avail agriculture finance from various financial institutions dealing with it. • To understand the best source of available finance to be availed amongst the various available sources.
Unit 3 -14 Hours	1. To give live examples of agriculture finance through the source of internet or other available sources. 2. Experts from agricultural finance can be invited for talk with students.	• To understand the various calculations which are necessary at or before the time of availing finance. • Development of problem-solving and decision-making skills. • Comparative analysis of various available sources of finance from different sources and find out the best available options amongst them. • To understand the risk and rewards associated with the finance to be availed.
Unit 4 – 10 Hours	• Students can search information after learning through demo. Students will prepare project report based on data collected (Online or off line). They will have to prepare requirements sheet of various industry and will analyse computer enabled activities. They will study various	• To familiarise Computer applications used in particular department and understanding jargons of the field.

	difficulties faced and identify probable solutions for the same.	• To understand various concepts and steps relating to designing of computer technologies and its applications in various field.

Evaluation

Unit Number	Project and Practical		External Evaluation
4	Practical and project work on the basis of Computer Course assigned to students and guidelines received from SPPU.	50	25% MCQ 35% short notes 40% long answers
	Total –	**50 Marks**	**50 Marks**

Suggested References:

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Agricultural Finance and Management	Reddy S S	Oxford and IBH Publication	Delhi
2	Introduction to Agricultral Economics	Pearson John B	Pearson India	Delhi
3	Agricultral Finance and Management	Singh and Sharma	Friends Publication	Merrut
4	Kisan Credit Card Scheme: Impact, Weakness and Further Reforms	Sharma Anil	National Council of Applied Economics Research	New Delhi

Savitribai Phule Pune University
Question paper Pattern 2019 for SY BBA
University Examination Sub: Banking Operations and Finance
Course Code – 406 E
Credit - 4 (2+2)

Q.No.	Compulsory / Choice	Nature of Question	Marks	Total Marks
1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	5	10 Marks
		Match the Pairs	5	
2	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
3	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
4	Solve any 4 out of 6	Short Notes	4*5 Marks	20 Marks
	Total			**50 Marks**

Acknowledgement

The Syllabus Restructuring of BBA Programme (CBCS-2019 Pattern) is a manifestation of excellence in the field of Management. Savitribai Phule Pune University's focus has always been in raising the academic standards and excellence in the field of education.

The BBA Programme predominantly endeavours for holistic development of students. It has emphasized on cultivating various skills and has also desired business acumen amongst the students.

This revision has been possible only with the help and support of different eminent personalities. The contribution of all the members as a team has enabled the robust revision of all the titles of the Programme. This synergy of the contributors is very crucial in fine tuning of the BBA Programme in its present form.

SPPU is grateful to Hon. Vice Chancellor Dr. Nitin Karmalkar, Hon. Dr. N. S. Umarani, Pro-Vice Chancellor, who has always lent continuous support and encouraged everyone involved in this task of restructuring.

SPPU is also grateful to Hon. Dr. Parag Kalkar, Dean, Faculty of Commerce and Management and Dr. Yashodhan Mithare, Associate Dean, Faculty of Commerce and Management. They have been an inspiration for all the members to complete the work.

Dr. Tanuja Devi, on behalf of SPPU, headed the BBA Restructuring Committee. The experienced members of the Syllabus Restructuring Committee, Dr. Goje – BOS Chairman has contributed through technological blended part in the course content. Dr. Vishwas Iresh Swami, Dr. Prashant Kalshetti, Mr. Prashant Bankar, and Dr.Satish Jagtap, have enabled the revision in a smooth manner. The team is thankful to Dr. Snehal Gaur for her assistance to all the members in framing the syllabus. Dr. Sharmila Kavediya, Dr. Ganesh Patare, and Shri. Sumeet Gaikwad also gave inputs to the curriculum.

Savitribai Phule Pune University [SPPU]

B.Sc. (Chemistry)

(Three Years Integrated Degree Program)

Choice Based Credit System [CBCS]

2019 Pattern

Second Year Bachelors of Science

(S. Y. B. Sc.)

From Academic Year

2020-21

Board of Studies in Chemistry

Savitribai Phule Pune University [SPPU]

Pune-411007

Structure of S. Y. B. Sc. Chemistry

(According to CBCS – 2019 Pattern of SPPU)

Semester	Course	Discipline Specific Core (DSCC)*
III	Theory	**CH-301** : Physical and Analytical Chemistry (2 credit, 36 L)
	Theory	**CH-302** : Inorganic and Organic Chemistry (2 credit, 36 L)
	Practical	**CH-303** : Chemistry Practical - III (2 credit, 72 L)
IV	Theory	**CH-401** : Physical and Analytical Chemistry (2 credit, 36 L)
	Theory	**CH-402** : Inorganic and Organic Chemistry (2 credit, 36 L)
	Practical	**CH-403** : Chemistry Practical - IV (2 credit, 72 L)

***Important Notice:**

i. Each lecture (L) will be of 50 minutes.

ii. Each practical of 4 hours and 12 practical sessions per semester

iii. 12 weeks for teaching 03 weeks for evaluation of students (theory as well as practical).

iv. For details refer UG rules and regulations (CBCS for Science program under Science & Technology) published on SPPU website.

Evaluation Pattern (As per CBCS rules, SPPU 2019 Pattern)

1. Each theory and practical course carry 50 marks equivalent to 2 credits.
2. Each course will be evaluated with Continuous Assessment (CA) and University Assessment (UA) mechanism.
3. Continuous assessment shall be of 15 marks (30%) while university Evaluation shall be of 35 marks (70%).
4. To pass each course, a student has to secure 40% mark in continuous assessment as well as university assessment i.e. 6 marks in continuous assessment and 14 marks in university assessment for the respective course.
5. For Continuous Assessment (internal assessment) minimum two tests per paper must be organized, of which one must be written test of 10 marks.
6. Method of assessment for internal exams: Viva-Voce, Project, survey, field visits, tutorials, assignments, group discussion, etc. (on approval of the head of centre).

Theory - University Assessment Question Paper Pattern

(According to CBCS - 2019 Pattern of SPPU)

Note that in theory question paper weightage will be given to each topics equivalent to number of lectures assigned in the syllabus.

<table>
<tr><td colspan="3">Total Marks: 35</td><td colspan="2">Duration: 2 Hours</td></tr>
<tr><td colspan="5">Note: i) Question -1 will be compulsory (5 marks).
ii) Solve any three questions from question 2- 5.
iii) Questions 2 to 5 carry equal marks (10 each).</td></tr>
<tr><td>Q-1</td><td></td><td>Solve any five of the following
(a)
(b)
(c)
(d)
(e)
(f)</td><td>a) four tricky questions and b)two question on problem type (if applicable).</td><td>5 marks</td></tr>
<tr><td>Q-2</td><td>(A)

(B)</td><td colspan="2">Describe type of question(s)
i)
ii)
Short question, but tricky</td><td>6 mark

4 mark</td></tr>
<tr><td>Q-3</td><td>(A)

(B)</td><td colspan="2">Explain type of question(s)
i)
ii)
Problem based question if applicable. Justification type of question</td><td>6 mark

4 mark</td></tr>
<tr><td>Q-4</td><td>(A)

(B)</td><td colspan="2">Discuss type of question(s)
i)
ii)
Problem based question if applicable. Justification type of question</td><td>6 mark

4 mark</td></tr>
<tr><td>Q-5</td><td>
(A)
(B)
(C)</td><td colspan="2">Attempt any two of the following
Questions A, B, C, - will be Explain, Derivation, Discuss, Notes, etc. type of long questions</td><td>10 mark</td></tr>
</table>

S. Y. B. Sc. Chemistry Syllabus

(CBCS - 2019 Semester Pattern)

From Academic Year 2020-21

Equivalence with Previous Syllabus (2013 Pattern)

New Course (2019 Pattern)	Old Course (2013 Pattern)
CH-301 : Physical and Analytical Chemistry	**CH-211** : Physical and Analytical Chemistry
CH-302 : Inorganic and Organic Chemistry	**CH-212** : Organic and Inorganic Chemistry
CH-303 : Chemistry Practical - III	**CH-223** : Chemistry Practical
CH-401 : Physical and Analytical Chemistry	**CH-221** : Physical and Analytical Chemistry
CH-402 : Inorganic and Organic Chemistry	**CH-222** : Organic and Inorganic Chemistry
CH-403 : Chemistry Practical - IV	**CH-223** : Chemistry Practical

Preamble:

The syllabus of Chemistry for second year has been redesigned for Choice based Credit System (CBCS: 2019 pattern) to be implemented form 2020-21.

In CBCS pattern semester system has been adopted for FY, SY and TY which includes Discipline Specific Core Course (DSCC) at F Y level, Ability Enhancement Compulsory Course (AECC), Discipline Specific Elective Course (DSEC) and Skill Enhancement Course (SEC). A DSCC course has been introduced at FY level and AECC courses at SY level along with DSEC. At TY level DSEC and SEC courses has been introduced.

Syllabus for Specific Core Courses of Chemistry (2 Theory and 1 Practical) subject for F. Y. B. Sc. is to be implemented from the year 2019-20. Syllabus for S. Y. and T. Y. B. Sc. will be implemented from the year 2020-21 and 2021-22 respectively as per structure approved.

Learning Outcome:

1. To understand basic concept/principles of Physical, Analytical, Organic and Inorganic chemistry.
2. To impart practical skills and learn basics behind experiments.
3. To prepare background for advanced and applied studies in chemistry.

Overall Syllabus

SEMESTER-III			
Sr. No.	**Course Code**	**Course Name**	**Credits and No of Lect.**
1	CH-301	Physical and Analytical Chemistry	Credit -2, 36 L
2	CH-302	Inorganic and organic Chemistry	Credit -2, 36 L
3	CH-303	Practical Chemistry-III	Credit -2, 72 L
SEMESTER-IV			
4	CH-401	Physical and Analytical Chemistry	Credit -2, 36 L
5	CH-402	Inorganic and organic Chemistry	Credit -2, 36 L
6	CH-403	Practical Chemistry-IV	Credit -2, 72 L

The detailed Semester and Course wise of Syllabus is as follows:

SEMESTER-III

CH-301: Physical and Analytical Chemistry [Credit -2, 36 L]

Chapter No.	Chapter	No of Lectures
1	Chemical Kinetics	12
2	Surface Chemistry	06
3	Errors in Quantitative Analysis	05
4	Volumetric analysis	13

1. Chemical Kinetics: [12 L]

Introduction to kinetics, the rates of chemical reactions – definition of rates, rate laws and rate constants, reaction order and molecularity, determination of rate law, factors affecting reaction rates, integrated rate laws – zeroth-order reactions, first-order reactions, second-order reactions (with equal and unequal initial concentration of reactants), half-life period, methods for determination order of a reactions, Arrhenius equation- temperature dependence of reaction rates, interpretation of Arrhenius parameters, reaction dynamics - collision theory and transition-state theory of bimolecular reactions, comparison of the two theories, Problems.

*(**Ref. No: 1**- 725-728, 731-733, 741-742, 780-784, 792-794, **Ref. No: 2**- 1033- 1067)*

Learning Outcome:

After studying the Chemical Kinetics student will able to-

1. Define / Explain concept of kinetics, terms used, rate laws, molecularity, order.
2. Explain factors affecting rate of reaction.
3. Explain / discuss / derive integrated rate laws, characteristics, expression for half-life and examples of zero order, first order, and second order reactions.
4. Determination of order of reaction by integrated rate equation method, graphical method, half-life method and differential method.
5. Explain / discuss the term energy of activation with the help of energy diagram.
6. Explanation for temperature coefficient and effect of temperature on rate constant k.
7. Derivation of Arrhenius equation and evaluation of energy of activation graphically.
8. Derivations of collision theory and transition state theory of bimolecular reaction and comparison.
9. Solve / discuss the problem based applying theory and equations.

2. Surface Chemistry [6L]

Introduction to surface chemistry - some basic terms related to surface chemistry adsorption, adsorption materials, factors affecting adsorption, characteristics of adsorption, types of adsorption, classification of adsorption isotherms, Langmuir adsorption isotherm, Freundlich's adsorption isotherm, BET theory (only introduction), application of adsorption, problems. *(**Ref. No:1**- 824-826, 832-837, **Ref. No: 2**- 1251-1264; **Ref. No: 3**- 932-938)*

Learning Outcomes

- Define / explain adsorption, classification of given processes into physical and chemical adsorption.
- Discuss factors influencing adsorption, its characteristics, differentiates types as physisorption and Chemisorption
- Classification of Adsorption Isotherms, to derive isotherms.
- Explanation of adsorption results in the light of Langmuir adsorption isotherm, Freundlich's adsorption Isotherm and BET theory.
- Apply adsorption process to real life problem.
- Solve / discuss problems using theory.

Reference Books (Physical Chemistry)

1. Atkins' Physical Chemistry by Peter Atkins, Julio de Paula, James Keeler -11th edition
2. Principles of physical chemistry by B.R. Puri, L.R. Sharma**,** M.S. Pathania
3. Essentials of Physical chemistry by BahlTuli-Revised Multicolour Edition 2009, S. Chand and Company Ltd.
4. Physical-Chemistry-4th Edition - Gilbert W. CastellanNarosa (2004).
5. Principles of ChemicalKinetics-2rdEdition- James E. House
6. Barrow, G.M. Physical Chemistry Tata McGraw-Hill (2007).
7. Principles of Physical Chemistry, Fourth Edition by S.H. Marron and C. F. Pruton
8. Kotz, J.C., Treichel, P.M. & Townsend, J.R. General Chemistry, Cengage Learning India Pvt. Ltd.: New Delhi (2009).
9. Mahan, B.H. University Chemistry, 3rd Ed. Narosa (1998).
10. Petrucci, R.H. General Chemistry, 5th Ed., Macmillan Publishing Co. New York, 1985).
11. Physical Chemistry by Thomas Engel, Philip Reid, Warren Hehre.

3. Errors in Quantitative Analysis [5 L]

Introduction to errors, limitations of analytical methods, classifications of errors, accuracy, precision, minimization of errors, significant figures and computation, methods of

expressing accuracy and precision: mean and standard deviations, reliability of results and numerical. ***(Ref-1:** 127-138, supplementary references- **Ref-2:** 62-75, **Ref-3:** 82-121)*

Learning Outcomes

- Define, explain and compare meaning of accuracy and precision.
- Apply the methods of expressing the errors in analysis from results.
- Explain / discuss different terms related to errors in quantitative analysis.
- Apply statistical methods to express his / her analytical results in laboratory.
- Solve problems applying equations.

4. Volumetric Analysis [13 L]

Introduction to volumetric analysis, classification of reactions in volumetric analysis, standard solutions, equivalents, normalities, and oxidation numbers, preparation of standard solutions, primary and secondary standards. **Types of Volumetric Analysis methods: 1. Neutralization titrations**: Theory of indicators, neutralization curves for strong acid strong base, weak acid strong base, weak base strong acid. Preparation of approximate 0.1 M HCl and standardization against anhydrous sodium carbonate, determination of Na_2CO_3 content in washing soda. **2. Complexometric Titrations:** Definition of complexing agent and complexometric titration, EDTA-as complexing agent (structure of EDTA and metal ion-EDTA complex), Types of EDTA titration (direct and back titration), pH adjustment and amount of indicator in EDTA titration, metal ion indicators (general properties, solochrome black – T, Patton and Reeder's indicator only), standard EDTA solution, determination of Ca(II) and Mg(II), total hardness of water. **3. Redox Titrations:** Definition of oxidizing agent, reducing agent, redox titration, $K_2Cr_2O_7$ and $KMnO_4$ as oxidizing agents, 1,10-phenanthroline as indicator in reduction titration, diphenyl amine as oxidation indicator, $KMnO_4$ as self-indicator, Standard $KMnO_4$ solution and standardization with sodium oxalate, Determination of H_2O_2. **4. Precipitation titrations:** precipitation reactions, determination of end point (formation of coloured ppt, formation of soluble coloured compound, adsorption indicator), standard $AgNO_3$ soln., standardization of $AgNO_3$ soln. – potassium chromate indicator- Mohr's titration, determination of chloride and bromide, determination of iodide. Problems based on analysis.

***(Ref-1:** Pages-257-275, 286, 295, 309 -322, 328-332, 340-351, 364-372.; supplementary reference **Ref-2:** 382-302, 322-334, 366-374, 437-452)*

Learning Outcome:

After studying the Volumetric Analysis student will able to-

1. Explain / define different terms in volumetric analysis such as units of concentration, indicator, equivalence point, end point, standard solutions, primary and secondary standards, complexing agent, precipitating agent, oxidizing agent, reducing agent, redox indicators, acid base indicators, metallochome indicators, etc.
2. Perform calculations involved in volumetric analysis.
3. Explain why indicator show colour change and pH range of colour change.
4. To prepare standard solution and **b.** perform standardization of solutions.
5. To construct acid – base titration curves and performs choice of indicator for particular titration.
6. Explain / discuss acid-base titrations, complexometric titration / precipitation titration / redox titration.
7. Apply volumetric methods of analysis to real problem in analytical chemistry / industry.

Reference Books: (Analytical Chemistry)

1. Vogel's Textbook of quantitative Chemical Analysis, 5th Ed. G. H. Jeffry, J. Basset, J. Mendham, R. C. Denney, Longman Scientific and Technical, 1989.
2. Analytical Chemistry, G. D. Christian, P. K. Dasgupta, K. A. Schug, 7th Ed, Wily, 2004.
3. Fundamentals of Analytical Chemistry- Skoog, west, Holler, Crouch, 9th Ed. Brooks / Cole, 2014/2004.
4. Basic Concept of Analytical Chemistry- S. M. Khopkar
5. Instrumental methods of chemical analysis- Chatwal Anand
6. Analytical Chemistry, G.R. Chatwal, Sham Anand.

CH-302: Inorganic and Organic Chemistry [2Credit, 36 L]

Chapter No.	Chapter	No of Lectures
1	Molecular Orbital Theory of Covalent Bonding	13
2	Introduction to Coordination chemistry	05
3	Aromatic hydrocarbons	05
4	Alkyl and Aryl Halides	07
5	Alcohols, Phenols and Ethers	06

1. Molecular Orbital Theory of Covalent Bonding [13 L]

Introduction to Molecular Orbital Method (MOT) and postulates of MO theory, LCAO approximation, s-s combination of orbitals, s-p combination of orbitals, p-p combination of orbitals, p-d combination of orbitals, d-d combination of orbitals, non-bonding combination of orbitals, Rules for linear combination of atomic orbitals, example of molecular orbital treatment for homonuclear diatomic molecules: Explain following molecules with respect to MO energy level diagram, bond order and magnetism: *H_2^+ molecule ion, H_2 molecule, He_2^+ molecule ion, He_2 molecule, Li_2 molecule, Be_2 molecule, B_2 molecule, C_2 molecule, N_2 molecule, O_2 molecule, O_2^- and O_2^{2-} ion, F_2 molecule,* Heteronuclear diatomic molecules: *NO, CO, HF.*

(***Ref.-1:****89-112,* ***Ref-4:*** *278-292,* ***Ref-5:*** *33-38)*

Learning Outcome:

After studying the Molecular Orbital Theory student will able to-

1. Define terms related to molecular orbital theory (AO, MO, sigma bond, pi bond, bond order, magnetic property of molecules, etc).
2. Explain and apply LCAO principle for the formation of MO's from AO's.
3. Explain formation of different types of MO's from AO's.
4. Distinguish between atomic and molecular orbitals, bonding, anti-bonding and non-bonding molecular orbitals.
5. Draw and explain MO energy level diagrams for homo and hetero diatomic molecules. Explain bond order and magnetic property of molecule.
6. Explain formation and stability of molecule on the basis of bond order.
7. Apply MOT to explain bonding in diatomic molecules other than explained in syllabus.

2. Introduction to Coordination Compounds [5 L]

Double salt and coordination compound, basic definitions: *coordinate bond, ligand, types of ligands, chelate, central metal ion, charge on complex ion, calculation of oxidation state of central metal ion, metal ligand ratio*; Werner's work and theory, Effective atomic number, equilibrium constant ***(Ref-6: 138-140)***, *chelate effect, IUPAC nomenclature.*

*(**Ref.-1:** 194-200, 222-224; **Ref-4:** 483-492)*

Learning Outcome:

After studying the Introduction to Coordination Compounds student will able to-

1. Define different terms related to the coordination chemistry (double salt, coordination compounds, coordinate bond, ligand, central metal ion, complex ion, coordination number, magnetic moment, crystal field stabilization energy, types of ligand, chelate effect, etc.)
2. Explain Werner's theory of coordination compounds. Differentiate between primary and secondary valency. Correlate coordination number and structure of complex ion.
3. Apply IUPAC nomenclature to coordination compound.

Reference Books: (Inorganic Chemistry)

1. Concise Inorganic Chemistry, J. D. Lee, 5th Ed (1996) Blackwell Science
2. Inorganic Chemistry, James E. House, Academic Press (Elsevier), 2008
3. Inorganic Chemistry by Miessler and Tarr, Third Ed. (2010), Pearson.
4. Principles of Inorganic Chemistry, Brian W. Pfennig, Wiley (2015)
5. Inorganic Chemistry, Catherine Housecroft, Alan G. Sharpe, Pearson Prentis Hall, 2008.
6. Basics Inorganic Chemistry, Cotton and Wilkinson

3. Aromatic Hydrocarbons: [5 L]

Introduction and IUPAC nomenclature, preparation (Case benzene): from phenol, by decarboxylation, from acetylene, from benzene sulphonic acid. *Reactions* (Case benzene): Electrophilic substitution: nitration, halogenation and sulphonation. Friedel-Craft's reaction (alkylation and acylation) (up to 4 carbons on benzene). Side chain oxidation of alkyl benzenes (up to 4 carbons on benzene).

*(**Ref-1:** 493-513)*

Learning Outcome:

After studying the aromatic hydrocarbons student will able to-

1. Identify and draw the structures aromatic hydrocarbons from their names or from structure name can be assigned.

2. Explain / discuss synthesis of aromatic hydrocarbons.
3. Give the mechanism of reactions involved.
4. Explain /Discuss important reactions of aromatic hydrocarbon.
5. To correlate reagent and reactions.

4. Alkyl and Aryl Halides: [7 L]

Alkyl Halides (up to 5 Carbons): Introduction and IUPAC nomenclature, Types of Nucleophilic Substitution (SN^1, SN^2 and SNi) reactions. *Preparation:* from alkenes *and* alcohols. *Reactions:* hydrolysis, nitrite & nitro formation, nitrile & isonitrile formation. Williamson's ether synthesis: Elimination vs. substitution.

Aryl Halides: Introduction and IUPAC nomenclature, *Preparation:* (Chloro, bromo and iodo-benzene case): from phenol, Sandmeyer and Gattermann reactions. *Reactions (Chlorobenzene):* Aromatic nucleophilic substitution (replacement by –OH group) and effect of nitro substituent. Benzyne Mechanism: KNH_2/NH_3 (or $NaNH_2/NH_3$). Reactivity and Relative strength of C-Halogen bond in alkyl, allyl, benzyl, vinyl and aryl halides**.**

***(Ref.-1:** 165-211 and 943-967)*

Learning Outcome:

After studying the Alkyl and Aryl Halides student will able to-

1. Identify and draw the structures alkyl / aryl halides from their names or from structure name can be assigned.
2. Explain / discuss synthesis of alkyl / aryl halides.
3. Write / discuss the mechanism of Nucleophilic Substitution (SN^1, SN^2 and SNi) reactions.
4. Explain /Discuss important reactions of alkyl / aryl halides.
5. To correlate reagent and reactions.
6. Give synthesis of expected alkyl / aryl halides.

5. Alcohols, Phenols and Ethers (Up to 5 Carbons): [6 L]

Alcohols: Introduction and IUPAC nomenclature, *Preparation:* Preparation of 1o, 2o and 3o alcohols: using Grignard reagent, ester hydrolysis, reduction of aldehydes, ketones, carboxylic acid and esters. *Reactions:* with sodium, HX (Lucas test), esterification, oxidation (with PCC, alc. KMnO4, acidic dichromate, conc. HNO_3). Oppeneauer oxidation *Diols:* (Up to 6 Carbons) oxidation of diols. Pinacol-Pinacolone rearrangement.

Phenols (Phenol case): Introduction and IUPAC nomenclature, *Preparation:* Cumene hydroperoxide method, from diazonium salts. *Reactions:* Electrophilic substitution: Nitration, halogenation and sulphonation. Reimer-Tiemann Reaction, Gattermann Reaction, Houben–Hoesch Condensation, Schotten–Baumann Reaction. **Ethers (aliphatic and aromatic):** Cleavage of ethers with HI.

(***Ref-1:*** *213-244 and 889-912)*

Learning Outcome:

After studying the Alcohols and Phenols student will able to-

1. Identify and draw the structures alcohols / phenols from their names or from structure name can be assigned.
2. Able to differentiate between alcohols and phenols
3. Explain / discuss synthesis of alcohols / phenols.
4. Write / discuss the mechanism of various reactions involved.
5. Explain /Discuss important reactions of alcohols / phenols.
6. To correlate reagent and reactions of alcohols / phenols
7. Give synthesis of expected alcohols / phenols.

References: (Organic Chemistry)

1. Morrison, R.T. & Boyd, R.N. *Organic Chemistry*, Prentice Hall of India, Sixth Edition, **2002**, 283-308.

Other Reference Books for All Chapters:

2. Jonathan Clayden, Nick Greeves, Stuart Warren, Peter Wothers *Organic Chemistry* - Oxford University Press, USA, 2nd Ed.

3. Bahl, A. and Bahl, B.S. *Advanced Organic Chemistry*, S. Chand, **2010**.

4. Graham Solomon, T.W., Fryhle, C.B. & Dnyder, S.A. *Organic Chemistry*, John Wiley and Sons (2014).

5. Mc Murry, J.E. *Fundamentals of Organic Chemistry*, 7th Ed. Cengage Learning India Edition, 2013.

6. Sykes, P. *A Guidebook to Mechanism in Organic Chemistry*, Orient Longman, New Delhi (1988).

7. Finar, I. L. *Organic Chemistry* (Vol. I and II), E.L.B.S.

CH-303: Practical Chemistry-III [2 credit, 72* L]

* 72 L distributed as 58 L for performing practicals and 14 L for internal evaluation.

For practicals, see the manual prepared by BOS of Chemistry. The examination will be held according to this manual.

Instructions

1. **Use molar concentrations for volumetric /estimations/synthesis experiments.**
2. **Use optimum concentrations and volumes**
3. **Two burette method should be used for volumetric analysis (Homogeneous mixtures)**
4. **Use of Microscale technique is recommended wherever possible**

A. Chemical Kinetics: (Any Three)

1. To Study the Acid catalysed hydrolysis of an ester (methyl Acetate) and determine the rate constant (k). (first order reaction)
2. To study the kinetics of saponification reaction between sodium hydroxide and ethyl acetate.
3. To compare the relative strength of HCl and H_2SO_4 or HNO_3 by studying the kinetics of hydrolysis of methyl acetate.
4. Energy of activation of the reaction between $K_2S_2O_8$ and KI with unequal initial concentration.

   OR

4. To determine the order of the reaction with respect to $K_2S_2O_8$ by fractional life method following the kinetics of per sulphate-iodide reaction.

References:

i) Systematic experimental physical chemistry, S. W. Rajbhoj, T. K. Chondekar, Anjali publication.

ii) Practical Physical Chemistry, Vishwanathan and Raghwan , Viva book.

iii) Practical Chemistry, O. P. Pandey, D. N. Bajpai Dr. S. Giri, S Chand Publication

iv) Experiments in Chemistry, D. V. Jahagirdar, Himalaya Publication.

B. Inorganic quantitative / qualitative analysis (Any two)

1. Estimation of Fe(III) from given solution by converting it to Fe(II) using Zn metal and then by titrating with standard solution of $K_2Cr_2O_7$-A Green Approach (Ref.-1,3).

2. Determination of $BaCO_3$ content in a given sample by precise determination of volume of CO_2 (Ref-2).
3. Separation and Identification of metal ions by Paper Chromatography (Ref.,4,5)

References:

1. Iron Analysis by Redox Titration A General Chemistry Experiment, ***Journal of Chemical Education***, Volume 65, Number 2, February 1988.183.
2. A Precise Method for Determining the CO_2 Content of Carbonate Materials, ***Journal of Chemical Education***, Vol. 75, No. 12, December 1998.
3. Vogel's Textbook Quantitative Chemical Analysis, 3rd and 6th Ed.
4. Advanced Practical Chemistry, Jagdamba Sing et al, Pragati Prakashan, Merrut.
5. Practical Chemistry, Panday, Bajpai, Giri, S.Chand and Co.

C. Organic Qualitative Analysis (Two mixtures: solid-solid type)

1. **Separation of Two Components** from given binary mixture of organic compounds containing mono-functional group (Ex. - carboxylic acid, phenols, amines, amide, nitro, etc.) and systematic identification of each component qualitatively.

D. Organic Preparations (Any two)

1. Preparation of benzoic acid from ethyl benzoate (Identification and confirmatory Test of –COOH group, M.P and purity by TLC)
2. Acetylation of primary amine (Green approach)
3. Base catalyzed Aldol condensation (Green approach)
4. Preparation of Quinone from hydroquinone (Confirm the conversion by absence of phenolic –OH group in product, M.P and purity by TLC)

E. pH Metry (Compulsory)

4. To determine equivalence point of neutralisation of acetic acid by pH-metric titration with NaOH and to find best indicator for the titration.

F. Volumetric Analysis (Any two)

1. Estimation of Aspirin from a given tablet and find errors in quantitative analysis. (***Standardization of acid must be performed with standard Na2CO3 solution, prepared from dried anhydrous AR grade Na_2CO_3***)

2. Determination of acetic acid in commercial vinegar by titrating with standard NaOH. Express your results as average ± standard deviation. (***Standardization of base must be performed with standard KHP***)

3. Determination of Hardness of water from given sample by complexometric titration (Using E.D.T.A.) method and total dissolve solids by conductometry. Express your results as average ± standard deviation. (***Standardization of Na_2EDTA must be performed with standard Zn(II) solution***)

Reference:

1. Vogel's Textbook Quantitative Chemical Analysis, 3rd and 5th Ed.

2. Experiments in chemistry, D. V. Jahagirdar, Himalaya Publication.

Examination Pattern: At the time of examination student will have to perform one experiment. In case of organic qualitative analysis, after separation of binary mixture any one component has to be analysed according to OQA scheme. Distribution of 35 marks: 30 marks for experimental performance and 5 mark for oral.

To cope up with NACC criterion and to motivate and inculcate research culture among the students, interested students can be assigned mini-scale project. Project should be based either on applications of chemistry in day to day life or application or novel / applied synthesis / demonstrating principles of chemistry. The project work is equivalent to three experiments. ***Student performing project can be exempted from 3 experiments from two semester. (*from three different sections of two semester) and project will be evaluated by external examiner. Project being choice based activity; student will not get any exemption in external examination***. Systematic project report (Name page, certificate, introduction/theory, importance of project, learning outcome, requirements, safety precautions, procedure, observations, calculations, results and conclusions) be submitted separately in binding form duly certified by mentor teacher and HOD.

Illustrative list of some projects is given below for your perusal.

1. Synthesis of soap from different types of oils with respect to i) percent yield ii cost of obtaining 50 g soap (students will learn saponification or alkaline hydrolysis of oils – a chemical reaction for the synthesis of day to day life product, which oil is better for soap making).
2. Synthesis of biodegradable plastic (Principles demonstrated: Chemical reactions for mores safe products and to mitigate environmental pollution).
3. Synthesis of azo dyes and effect substituents of benzene ring on colour of azo dye (Principle demonstrated -Inductive effect a visible demonstration, strategy to charge the colour of dye, chemical reactions for industries).

4. Quality of Consumer products: identification reactions and Purity of $NaHCO_3$ (eating soda) of different brands by thermal decomposition. (Application of analytical chemistry and simple decomposition reaction for the determination of purity of consumer product)
5. Determination pH, surface tension, CMC and washing action of detergent of different brands for comparing their quality. (Application of chemistry principles in determination of quality of consumer product)
6. Removal of dyes / nitrophenols / by Fenton's process or by adsorption on activated charcoal. (Applications of principles of chemistry in mitigation of environmental pollution, an industrial application of chemistry).
7. Study of deionization water using cation and anion exchange resins / zeolites. Amount of zeolites / resin required for the softening of water. (Day to day life application of chemistry, student can apply their knowledge and can construct their own deionizer).
8. Preparation shampoo. Ingredients required, their proportion, mixing and testing.
9. Eudiometer: Determination of oxidation state, equivalent wt. and determine stoichiometry of the reaction between i) iron metal and HCl. Fe can have oxidation state +2 or +3. ii) Zn and HCl iii) Al and HCl. What happens with HNO_3? Why similar method cannot used to investigate reaction between HNO_3 and these metals?
10. Study stoichiometry of simple chemical reactions thereby determination of equivalent wt. of one of the reactant: i) $FeSO_4 7H_2O$ and $KMnO_4$ (determine equivalent wt. of $KMnO_4$) ii) Mn(II) and $KMnO_4$ (determine equivalent wt. of $KMnO_4$).Explain the concept of variable oxidation state and variable equivalent wt. for same substance i.e. mol. wt. is constant. (Known Fe^{2+} oxidizes to Fe^{3+} only).
11. Synthesis /isolation of essences, purity by TLC/ B.P. (at least two).
12. Synthesis and estimation of purity of aspirin (medicinal compound) by green chemistry route.
13. Compare the paracetamol content in tablet of different brands (at least three different brands).
14. Compare the vitamin-c content in tablet of different brands. (at least three different brands).
15. Determination of Avagdro Number (N) by various technics such as Brownian Moment, Electrodeposition, number of molecules in monolayer etc.
16. Hess Law verification
17 Determination of Farday constant and Avagadro number
18 To determine thermodynamic values of various compounds

19 To determine density of various substances

20 Preparation of Nylon and study its properties

21 Microscale techniques in Chemistry

References:

1. A laboratory manual for general, organic and biological chemistry, 3rd Ed. Pearson.
2. Safety-Scale Laboratory Experiments for Chemistry for Today: General, Organic and Biochemistry Seventh Edition, Spencer L. Seager, Michael R. Slabaugh, Cengage Learning, 2010
3. Laboratory Manual for Principles of General Chemistry, Bearen, 8th Ed. Wiley.
4. Green Chemistry Laboratory Manual for General Chemistry, Sally A. Henrie, CRC Press Taylor & Francis Group, and Informa Business. 2015
5. Experiments in General Chemistry, G. S. Weiss T. G. Greco L. H. Rickard, Ninth Edition, Pearson Education Limited, 2014.
6. Mini-scale and micro-scale organic chemistry laboratory experiments 7th Ed. Schoffstall, Gaddis, Mc-Graw-Hill Higher Education, 2004.
7. Journal of Chemical Education, ACS, (search relevant topics).

II. Students short activity (for both semesters)

These are the extra-time activities for the students which can be performed with the permission of mentor. Mentor can arrange a demonstration on these activities to explain basic principles of chemistry. **Teacher can design many such activities to explain theory that you taught in the class.** Systematic report of activity performed be written in journal. Sample list of small activities is given below. These short activities can be considered for internal evaluation. Some activities are given below.

1. Amphoteric nature of $Al(OH)_3$ (Principle demonstrated-demonstration of amphoteric nature substance and why $Al(OH)_3$ is used in antacid preparations)
2. Enzyme deactivation by Hg^{2+} (Principle demonstrated–catalyst deactivation and toxicity effect of Hg^{2+})
3. Adsorption of dyes on activated charcoal (Principle demonstrated and application- surface adsorption for removal of dyes from effluents)
4. Detection of adulteration in milk / chilli powder / turmeric power / food colours
5. Use of EXCEL in drawing of graphs and calculations.
6. Catalysis by Mn(II) in $KMnO_4$–Oxalic acid titration. (Principle, demonstrated - Homogeneous catalysis)

7. Identification of type of salt (strong acid – strong base, strong acid – weak base, weak acid – strong base) by hydrolysis reactions and indicators. (Principle demonstrated – hydrolysis reaction of salts, it really takes place)
8. Identification of inorganic ions in soft drinks / tooth paste, form of iodide in table salt / waste water / bore well water.
9. Spectrochemical series using $CuSO_4$ solution and i) NaCl, ii) KBr, iii) Ammonia, iv) ethylene diamine, v) salicylic acid [correlate colour with wavelength and predict ligand strength]
10. Green Chemistry principles in Organic Chemistry.

References: Journal of Chemical Education, ACS, (search relevant topics).

Learning Outcome- Practical Chemistry-III

1. Verify theoretical principles experimentally.
2. Interpret the experimental data on the basis of theoretical principles.
3. Correlate theory to experiments. Understand/verify theoretical principles by experiment observations; explain practical output / data with the help of theory.
4. Understand systematic methods of identification of substance by chemical methods.
5. Write balanced equation for the chemical reactions performed in the laboratory.
6. Perform organic and inorganic synthesis and is able to follow the progress of the chemical reaction by suitable method (colour change, ppt. formation, TLC).
7. Set up the apparatus / prepare the solutions - properly for the designed experiments.
8. Perform the quantitative chemical analysis of substances explain principles behind it.
9. Systematic working skill in laboratory will be imparted in student.

Important Notes:

i) Wherever feasible develop and practice micro or semi-micro methods from known / recommended procedures and the reference books. This is to i) minimize the cost of experiment, ii) reduce wastage of chemicals iii) reduce environmental pollution.

ii) Mentor should promote students to ***complete the Journal on the same day before leaving of the lab***. Ensure that the original data is retained and used by the candidate. Students may adjust the data from their lab work to reach close to theoretical values. If journal is completed before leaving the lab it will not encourage students to "adjust" the facts from their lab work. (**Ref-Journal of Chemical Education, Min J. Yang and George F. Atkinson, Designing New Undergraduate Experiments, Vol. 75, No. 7, July 1998**).

Internal Evaluation Strategy for practical (Both semester):

During start of the practical course methodology of internal evaluation should be discussed with students. Internal evaluation is a continuous assessment (CA). Hence during each practical, internal evaluation must be done with different tools. **Guidelines for internal evaluation:** To each practical 15 marks can be assigned which can be distributed as follows:

Overall performance and timely arrival	**Interaction**	**Accuracy of results**	**Journal /Lab report**	**Post laboratory quiz / assignment / oral**
4	2	2	5	2

At the end of semester, average of 12 experiments can be assigned as internal marks out of 15. Systematic record of internal evaluation must be maintained which is duly sign by mentor and student. If student is absent with prior-intimation her/his absentee will be considered but student will have to complete the experiment in the same week or in with the permission of mentor. Mentor or practical in-charge should arrange the practical for such students. Students performing projects (one mini project equivalent to three practical session) / student activities (4 to 6 activities equivalent to three practical session) can be assigned up to 3 marks out of 15.

SEMSER-IV

CH-401: Physical and Analytical Chemistry [Credit: 2, 36 L]

Chapter No	Chapter	No of Lectures
1	Phase Equilibrium	09
2	Ideal and Real Solutions	09
3	Conductometry	06
4	Colorimetry	06
5	Column Chromatography	06

1. Phase equilibrium [9L]

Introduction; definitions of phase, components and degrees of freedom of a system; stability of phases, criteria of phase equilibrium. Gibbs phase rule and its thermodynamic derivation, phase diagrams of one- component systems- water, carbon dioxide and sulphur systems, problems. *(**Ref. No: 1**, Page No- 119 - 126, **Ref. No: 2**, Page No – 661-675,**Ref. No:4,** Page No 344- 354).*

Learning Outcomes

- Define the terms in phase equilibria such as- system, phase in system, components in system, degree of freedom, one / two component system, phase rule, etc.
- Explain meaning and Types of equilibrium such as true or static, metastable and unstable equilibrium.
- Discuss meaning of phase, component and degree of freedom.
- Derive of phase rule.
- Explain of one component system with respect to: Description of the curve, Phase rule relationship and typical features for i) Water system ii) Carbon dioxide system iii) Sulphur system
- **Reference Books (Physical Chemistry)**

1. Atkins' Physical Chemistry by Peter Atkins, Julio de Paula, James Keeler -11th edition
2. Principles of Physical chemistry by B.R. **Puri**, L.R. **Sharma**, M.S. Pathania
3. Essentials of Physical chemistry by Bahl Tuli-Revised Multicolour Edition 2009, S. Chand and Company Ltd.
4. Principles of Physical Chemistry, Fourth Edition by S.H. Marron and C. F. Pruton
5. Physical-Chemistry-4th Edition - Gilbert W. Castellan Narosa (2004).
6. Principles of Chemical Kinetics- 2rdEdition- James E. House.

7. Barrow, G.M. Physical Chemistry Tata McGraw-Hill (2007).
8. Kotz, J.C., Treichel, P.M. & Townsend, J.R. General Chemistry, Cengage Learning India Pvt. Ltd.: New Delhi (2009).
9. Mahan, B.H. University Chemistry, 3rd Ed. Narosa (1998).
10. Petrucci, R.H. General Chemistry, 5th Ed., Macmillan Publishing Co.: New York (1985).
11. Physical Chemistry by Thomas Engel**,** Philip Reid, Warren Hehre.

2. Ideal and real solutions [9L]

Introduction, chemical potential of liquids - ideal solutions, ideal dilute solutions - Raoult's and Henry's Law, liquid mixtures, phase diagram of binary systems : liquids - vapour pressure diagrams, temperature composition diagrams, liquid-liquid phase diagrams, solubility of partially miscible liquids-critical solution temperature, effect of impurity on partially miscible liquids, Problems. (***Ref. No:*** *1, Page Nos- 150-153, 155-157, 166 – 175,* ***Ref. No: 2****, Page No. - 750-775, 696-705****Ref. No:4****, Page No. 261-292, 298- 302).*

Learning Outcomes

- Define various terms, laws, differentiate ideal and no-ideal solutions.
- Discuss / explain thermodynamic aspects of Ideal solutions-Gibbs free energy change, Volume change, Enthalpy change and entropy change of mixing of Ideal solution.
- Differentiate between ideal and non-ideal solutions and can apply Raoult's law.
- Interpretation of i) vapour pressure–composition diagram ii) temperature- composition diagram.
- Explain distillation of liquid solutions from temperature – composition diagram.
- Explain / discuss azeotropes, Lever rule, Henrys law and its application.
- Discuss / explain solubility of partially miscible liquids- systems with upper **c**ritical. Solution temperature, lower critical solution temperature and having both UCST and LCST.
- Explain / discuss concept of distribution of solute amongst pair of immiscible solvents.
- Derive distribution law and its thermodynamic proof.
- Apply solvent extraction to separate the components of from mixture interest.
- Solve problem by applying theory.

3. Conductometry [6 L]

Introduction, Electrolytic Conductance, Resistance, conductance, Ohm's law, cell constant, specific and equivalent conductance, molar conductance, variation of equivalent and specific conductance with concentrations, Kohlrausch's law and its applications, conductivity cell, conductivity meter, Whetstone Bridge, determination of cell constant,

conductometric titrations (strong acid-strong base, strong acid-weak base, weak acid strong base) and Numericals. ***Ref-1:*** *398-402, 414-423, 433-434,* ***Ref-2:*** *519-527,* ***SupplementaryRef-3:*** *746-756,* ***Ref-4:*** *528-532.*

Learning Outcomes

- Explain / define different terms in conductometry such as electrolytic conductance, resistance, conductance, Ohm's law, cell constant, specific and equivalent conductance, molar conductance, Kohlrausch's law, etc.
- Discuss / explain Kohlrausch's law and its Applications, Conductivity Cell, Conductivity Meter, Whetstone Bridge.
- Explain / discuss conductometric titrations.
- Apply conductometric methods of analysis to real problem in analytical laboratory.
- Solve problems based on theory / equations.
- Correlate different terms with each other and derive equations for their correlations.

4. Colorimetry: [6 L]

Introduction, interaction of electromagnetic radiation with matter, essential terms: radiant power, transmittance, absorbance, molar, Lamberts Law, Beer's Law, Lambert-Beer's Law, molar absorptivity, deviations from Beer's Law, Colorimeter**:** *Principle, Construction and components, Working*. Applications–unknown conc. By calibration curve method, Determination of unknown concentration of Fe(III) by thiocynate method, Numericals. (***Ref-2:*** *645-651, 658-661, 690,* ***Ref-3:*** *97, 100, 159-172,* ***Ref-4:*** *144-153, 157-160,* ***Ref-6****-Relevent pages).*

Learning Outcomes

- Explain / define different terms in Colorimetry such as radiant power, transmittance, absorbance, molar, Lamberts Law, Beer's Law, molar absorptivity
- Discuss / explain / derive Beer's law of absorptivity.
- Explain construction and working of colorimeter.
- Apply colorimetric methods of analysis to real problem in analytical laboratory.
- Solve problems based on theory / equations.
- Correlate different terms with each other and derive equations for their correlations.

5. Column Chromatography [6 L]

Introduction, Principle of Column Chromatography, **Ion Exchange Chromatography:** Ion exchange resins, action of ion exchange resin (Ion exchange equilibria, Ion exchange capacity), Experimental technique, Application: i) Separation of

Metal ions / non-metal ions on Ion Exchange Chromatography (*Zn(II) and Mg(II), Cl^- and Br^-),* ii) Purification of water, (***Ref-2:*** *186-192, 205-209*) **Adsorption Chromatography – Liquid solid chromatography**: Introduction, the technique of conventional chromatography, column packing materials, Selection of solvent for adsorption chromatography, Adsorption column preparation and loading, Application – Purification of anthracene (***Ref-5:*** *209-215, 221*), Size Exclusion Chromatography*(Supplementary -* ***Ref-4:*** *pages 111-153, 212-215,* ***Ref-6****-Relevent pages)*

Learning Outcomes

- Explain / define different terms in column chromatography such as stationary phase, mobile phase, elution, adsorption, ion exchange resin, adsorbate, etc.
- Explain properties of adsorbents, ion exchange resins, etc.
- Discuss / explain separation of ionic substances using resins.
- Discuss / explain separation of substances using silica gel / alumina.
- Apply column chromatographic process for real analysis in analytical laboratory.

References (Analytical Chemistry)

1. Principles of Physical Chemistry, S.H. Marron and C. F. Pruton4th ed., Oxford and IBH publishing company / CBS, new Delhi.
2. Vogel's Textbook of quantitative Chemical Analysis, 5th Ed. G. H. Jeffry, J. Basset, J. Mendham, R. C. Denney, Longman Scientific and Technical, 1989.
4. Basic Concept of Analytical Chemistry- S. M. Khopkar
5. Vogel's Text Book of Practical Organic Chemistry, Furniss, Hannaford, Smith, Tatchel, 5th Ed., Longman Scientific and Technical, 2004.
6. Analytical Chemistry, G.R. Chatwal, Sham Anand.

CH-402: Inorganic and Organic Chemistry [2 credit, 36L]

Chapter No.	Chapter	No of Lectures
1	Isomerism in coordination complexes	02
2	Valance Bond Theory of Coordination Compounds	04
3	Crystal field Theory	12
4	Aldehydes and ketones	05
5	Carboxylic acids and their derivatives	05
6	Amines and Diazonium Salts	04
7	Stereochemistry of Cyclohexane	04

1. Isomerism in coordination complexes [2 L]

Introduction, polymerization isomerism, ionization isomerism, hydrates isomerism, linkage isomerism, coordination isomerism, coordination position isomerism, geometric isomerism, optical isomerism.

***(Ref-1:** 232-236)*

Learning Outcome:

After studying the aromatic hydrocarbons student will able to-

1. Isomerism in coordination complexes
2. Explain different types of isomerism in coordination complexes.

2. Valance Bond Theory of Coordination Compounds [4 L]

Aspects and assumptions of VBT, applications of VBT on the basis of hybridization to explain the structure and bonding in $[Ag(NH_3)_2]^+$, $[Ni(Cl_4)]^{2-}$, $[Ni(CN)_4]^{2-}$, $[Cr(H_2O_6)]^{3+}$, $[Fe(CN)_6]^{3-}$ (Inner orbital complex) and $[FeF_6]^{3-}$(outer orbital complex). Use of observed magnetic moment in deciding the geometry in complexes with C.N.4, limitations of VBT.

(**Ref-2:** 592-597, **Ref-3:**350-351).

Learning Outcome:

After studying the aromatic hydrocarbons student will able to-

1. Apply principles of VBT to explain bonding in coordination compound of different geometries.
2. Correlate no of unpaired electrons and orbitals used for bonding.
2. Identify / explain / discuss inner and outer orbital complexes.
4. Explain / discuss limitation of VBT.

3. Crystal Field Theory [12 L]

Shapes of d-orbitals, Crystal field Theory (CFT): Assumptions, Application of CFT to i) Octahedral complexes (*splitting of 'd' orbitals in Oh ligand field, effect of weak and strong ligand fields, colour absorbed and spectrochemical series, crystal splitting energy, Crystal field stabilization energy and factors affecting it, tetragonal distortion in Cu(II) complexes*) ii) Square planar complexes and iii) Tetrahedral complexes; spin only magnetic moment of Oh and Td complexes.

(Ref-1:*194-225).*

Learning Outcome:

After studying the aromatic hydrocarbons student will able to-

1. Explain principle of CFT.
2. Apply crystal field theory to different type of complexes (Td, Oh, Sq. Pl complexes)
3. Explain: i) strong field and weak field ligand approach in Oh complexes ii) Magnetic properties of coordination compounds on the basis of weak and strong ligand field ligand concept. iii) Origin of colour of coordination complex.
4. Calculate field stabilization energy and magnetic moment for various complexes.
5. To identify Td and Sq. Pl complexes on the basis of magnetic properties / unpaired electrons.
6. Explain spectrochemical series, tetragonal distortion / Jahn-Teller effect in Cu(II) Oh complexes only.

Reference Books: (Inorganic Chemistry)

1. Concise inorganic chemistry, J. D. Lee, 5th Ed (1996), Blackwell Science
2. Inorganic Chemistry, James E. House, Academic Press (Elsevier), 2008
3. Inorganic Chemistry by Miessler and Tarr, Third Ed. (2010), Pearson.

4. Aldehydes and Ketones (aliphatic and aromatic) [5 L]

(Formaldehyde, acetaldehyde, acetone and benzaldehyde)

Introduction and IUPAC nomenclature, *Preparation:* from acid chlorides and from nitriles. *Reactions* – Reaction with HCN, ROH, $NaHSO_3$, NH_2-G derivatives. Iodoform test, Aldol Condensation, Cannizzaro's reaction, Wittig reaction, Benzoin condensation, Clemenson reduction and Wolff Kishner reduction. Meerwein-Pondorff Verley reduction. (***Ref-1:*** *657-700 and 797-816*)

Learning Outcome:

After studying the aldehydes and ketones student will able to-

1. Identify and draw the structures aldehydes and ketones from their names or from structure name can be assigned.
2. Explain / discuss synthesis of aldehydes and ketones.
3. Write / discuss the mechanism reactions aldehydes and ketones.
4. Explain /Discuss important reactions of aldehydes and ketones.
5. To correlate reagent and reactions of aldehydes and ketones
6. Give synthesis of expected aldehydes and ketones.
7. Perform inter conversion of functional groups.

5. Carboxylic acids and their derivatives [5 L]

Carboxylic acids (aliphatic and aromatic): Introduction and IUPAC nomenclature, *Preparation:* Acidic and Alkaline hydrolysis of esters. *Reactions:* Hell–Vohlard - Zelinsky Reaction.

Carboxylic acid derivatives (aliphatic): (up to 5 carbons) *Preparation:* Acid chlorides, Anhydrides, Esters and Amides from acids and their inter conversion. Reaction: Comparative study of nucleophilicity of acyl derivatives. Reformatsky Reaction, Perkin condensation. *(**Ref-1:** 713-745 and 753-785).*

Learning Outcome:

After studying the carboxylic acids and their derivatives student will able to-

1. Identify and draw the structures carboxylic acids and their derivatives from their names or from structure name can be assigned.
2. Explain / discuss synthesis of carboxylic acids and their derivatives.
3. Write / discuss the mechanism reactions carboxylic acids and their derivatives.
4. Explain /Discuss important reactions of carboxylic acids and their derivatives.
5. Correlate reagent and reactions of carboxylic acids and their derivatives
6. Give synthesis of expected carboxylic acids and their derivatives.
7. Perform inter conversion of functional groups.

6. Amines and Diazonium Salts: [4 L]

Amines (Aliphatic and Aromatic): Introduction and IUPAC nomenclature, *Preparation* from alkyl halides, Gabriel's Phthalimide synthesis, Hofmann Bromamide reaction. *Reactions:* Hofmann vs. Saytzeff elimination, Electrophilic substitution (Case Aniline): nitration, bromination, sulphonation.

Diazonium salts: Preparation from aromatic amines. (***Ref-1:** 821-877)*

Learning Outcome:

After studying the amines and diazonium Salts student will able to-

1. Identify and draw the structures amines from their names or from structure name can be assigned.
2. Explain / discuss synthesis of carboxylic amines.
3. Write / discuss the mechanism reactions carboxylic amines.
4. Explain /Discuss important reactions of carboxylic amines.
5. To correlate reagent and reactions of carboxylic amines.
6. Give synthesis diazonium salt from amines and reactions of diazonium salt.
7. Perform inter conversion of functional groups.

7. Stereochemistry of Cyclohexane: [4 L]

Bayer's strain theory, heat of combustion of cycloalkanes, structure of cyclohexane, axial and equatorial H atoms, conformations of cycloalkane, stability of conformations of cyclohexane, methyl and t-butyl monosubstituted cyclohexane, 1,1 and 1,2 dimethyl cyclohexane and their stability.

***(Ref-1:** 283-308*).

Learning Outcome:

After studying the aromatic hydrocarbons student will able to-

1. Draw the structures of different conformations of cyclohexane.
2. Define terms such as axial hydrogen, equatorial hydrogen, confirmation, substituted cyclohexane, etc.
3. Convert one conformation of cyclohexane to another conformation and should able to identify governing structural changes.
4. Explain / discuss stability with respect to potential energy of different conformations of cyclohexane.
5. Draw structures of different conformations of methyl / t-butyl monosubstituted cyclohexane (axial, equatorial) and 1, 2 dimethyl cyclohexane.
6. Identify cis- and trans-isomers of 1, 2 dimethyl substituted cyclohexane and able to compare their stability.

Reference Books: (Organic Chemistry)

1. Morrison, R.T. and Boyd, R.N. *Organic Chemistry*, Prentice Hall of India, Sixth Edition, 2002, 283-308.

Other Reference Books for all chapters:

2. Jonathan Clayden, Nick Greeves, Stuart Warren, Peter Wothers, ***Organic Chemistry***- Oxford University Press, USA, 2nd Ed.

3. Bahl, A. and Bahl, B.S. *Advanced Organic Chemistry,* S. Chand**,** 2010**.**

4. Graham Solomon, T. W., Fryhle, C. B. and Dnyder, S. A. ***Organic Chemistry***, John Wiley and Sons (2014).

5. Mc Murry, J.E. ***Fundamentals of Organic Chemistry***, 7th Ed. Cengage Learning India Edition, 2013.

6. Sykes, P. ***A Guidebook to Mechanism in Organic Chemistry***, Orient Longman, New Delhi (1988).

7. Finar, I.L. *Organic Chemistry* (Vol. I & II), E.L.B.S.

CH-403: Practical Chemistry-IV [2 credit, 72* L]

* 72 L will be distributed as 58 L performing practical and 14 L for internal evaluation.

Instructions:

1. **Use molar concentrations for volumetric /estimations/synthesis experiments.**
2. **Use optimum concentrations and volumes**
3. **Two burette method should be used for volumetric analysis (Homogeneous Mixtures)**
4. **Use of Microscale technique is recommended wherever possible.**

A. Conductometry (Compulsory)

a) To determine the cell constant of the given cell using 0.01 M KCl solution and determine dissociation constant of a given monobasic weak acid.

b) To investigate the conductometric titration of any one of the following a) Strong acid against strong base b) Strong base against weak acid. (***standardization of base must be performed with KHP***)

B. Chromatography (compulsory)

1. Separation of binary mixture of cations by Column Chromatography by ion exchange resins / cellulose (any one mixture) (Co + Al, Cu + Mg, Zn+Mg). Separation of cations must be confirmed by qualitative test

References:

i. Vogel's Textbook Quantitative Chemical Analysis, 3rd, 6th Ed.

ii) Experiments in chemistry, D. V. Jahagirdar, Himalaya publication.

C. Ideal and Real solutions (Any two)

1. To study the variation of mutual solubility temperature with % concentration for the phenol - water system
2. To study the effect of added electrolyte on the critical solution temperature of phenol-water system and to determine the concentration of the given solution of electrolyte.
3. To obtain the temperature-composition phase diagram for a two component liquid system with maximum (or minimum) boiling point and to determine the maximum (or minimum) boiling point and composition.

D. Adsorption (Compulsory)

1. To verify the Freundlich and Langmuir adsorption isotherm for adsorption of acetic acid on activated charcoal.

References:

i) Systematic experimental physical chemistry, S. W. Rajbhoj, T. K. Chondekar, Anjali publication.

ii) Practical Physical Chemistry, Vishwanathan and Raghwan , Viva book.

iii) Practical Chemistry, O. P. Pandey, D. N. Bajpai Dr. S. Giri, S Chand Publication

E. Synthesis of Coordination compounds (any two)

1. Synthesis of sodium cobaltinitrite (a laboratory chemical) from Co(II) salt and $NaNO_2$ salts. Comment on colour and magnetic properties of the complex. (Ref.-1, 2)
2. Synthesis of potassium Tris(oxalate)aluminium(III) using Al metal powder(Scrap aluminium). Comment on colour and magnetic properties of the complex. (Ref-2, 3, 4)
3. Synthesis of Tris(acetylacetone)iron(III) by green chemistry method by reaction between $Fe(OH)_3$ and acac. Comment on colour and magnetic properties of the complex. (Ref.- 5,6).
4. Synthesis of Tris(ethylenediamine)nickel(II) from Ni(II) salt, ethylediamine and sodium thiosulfate. Comment on colour and magnetic properties of the complex. (Ref.-7)

F. Inorganic colorimetric investigations (Any two)

1. Prepare standard solutions of $KMnO_4$ / $CuSO_4$, record their absorbance and Verify Beer's Law and determine unknown concentration. **(Compulsory)**
2. Prepare solution of Fe(III) and $SCN^-$of in different molar proportion, record their absorbance and calculate equilibrium constant of $[Fe(SCN)]^{2+}$ complex (Ref.-9,10)
3. Prepare solution of Fe(III)/Cu(II) and salicylic acid in different molar proportion and determine metal ligand ratio in Fe(III) or Cu(II)–Salicylic acid complex. (Ref.-11, 12, 13)

References

1. Handbook of Preparative Inorganic Chemistry, Volume 2, Second Edition, Edited By Georg Braue R, Academic Press, New York, London, 1965. (Page-1541)

2. Practical Chemistry, Panday, Bjpai, Giri, S.Chand and Co.

3. McNeese, T.J.; Wierda, D.A. Synthesis of Potassium Tris(oxalato)aluminate(III) Trihydrate. ***Journal of Chemical Education***,1983, 60(11), 1001.

4. Inorganic Syntheses Vol -1 by H S Booth. First Ed, 1939. (page-36).

5. Novel Synthesis of Tris(acetylacetonato)-iron(III), ***Journal of Chem. Soc. Dalton Trans.*** 1983

6. Metal Acetylacetonate Synthesis Experiments: Which Is Greener?, ***Journal of Chemical Education,*** 2011, 88, 947–953, dx.doi.org/10.1021/ed100174f

7. Experimental Inorganic/Physical Chemistry: An Investigative, Integrated Approach to Practical Project Work, Mounir A . Malati, Woodhead Publishing Limited, 1999.
8. Vogel's Textbook Quantitative Chemical Analysis, 6th Ed.
9. Colorimetric Determination of the Iron(III)-Thiocyanate Reaction Equilibrium Constant with Calibration and Equilibrium Solutions Prepared in a Cuvette by Sequential Additions of One Reagent to the Other, ***Journal of Chemical Education***, Vol.88 No.3 March 2011.
10. Experiments in chemistry, D. V. Jahagirdar, Himalaya publication.
11. A spectrophotometric study of complex formation between Fe(III) and salicylic acid, Kinya Ogawa, Nobuko Tobe, Bulletin of chemical society of Japan, 39, 227-232, 1966.
12. Salicylate determination by complexation with Fe(III) and optical absorbance spectroscopy
13. Determination of Equilibrium Constants of Metal Complexes from Spectrophotometric Measurements: An Undergraduate Laboratory Experiment, ***Journal of Chemical Education***, Vol. 76, No. 9, September 1999.

G. Organic Estimations (any two)

1. **Determination of molecular weight:** Determination of molecular weight of organic acid by titration against standardized NaOH - a) monobasic acid or b) dibasic acid
2. **Estimation of amides:** Determine the amount of acetamide in given solution by volumetric method. (Standardization of acid must be performed)
3. **Estimation of Ethyl benzoate:** To determine the amount of ethyl benzoate in given solution volumetrically. (Standardization of acid must be performed).

References:

i) Vogel's textbook of practical organic chemistry
ii) Comprehensive Practical Organic Chemistry by V.K. Ahluwalia and Renu Aggarwal

Examination Pattern: At the time of examination student has to perform one experiment either from inorganic sections or organic section. 50% students must be assigned inorganic chemistry and 50% organic chemistry experiment. In case of organic qualitative analysis, after separation of binary mixture any one compound has to be analysed. Distribution of or 35 marks: 30 marks for experimental performance and 5 mark for oral.

Section - C: Industrial Visit

Visit any Chemical / Pharmaceutical / Polymer / Research Institutes / Sugar Factories / waste water treatment plant, etc. and submit report.

Learning Outcomes

1. Verify theoretical principles experimentally

2. Interpret the experimental data on the basis of theoretical principles.
3. Correlate the theory to the experiments. Understand / verify theoretical principles by experiment or explain practical output with the help of theory.
4. Understand systematic methods of identification of substance by chemical methods.
5. Write balanced equation for all the chemical reactions performed in the laboratory.
6. Perform organic and inorganic synthesis and able to follow the progress of the chemical reaction.
7. Set up the apparatus properly for the designed experiments.
8. Perform the quantitative chemical analysis of substances and able to explain principles behind it.

Savitribai Phule Pune University Pune

Second Year B. Com (Skill Based) CBCS

Syllabus for Hearing Impaired Students

Second Year B. Com. (Skill Based) 2020- 21.Semester – III

Course No.	Course / Title of Paper	Course	University Assessment			Total Marks	Credits
			Theory	Practical	Internal		
231	Business Communication- I	Core Course	70	10	20	100	4
232	Corporate Accounting- I	Core Course	30	50	20	100	4
233	Business Economics - I (Macro)	Core Course	70	10	20	100	4
234	Business Management - I	Core Course	70	10	20	100	4
235	Special Course Paper- I (Any One) a) Business Administration b) Banking and Finance c) Cost and Works Accounting d) Business Entrepreneurship	Discipline Special Elective	70	10	20	100	4
236	Skill based Computer	Skill Based Compulsory	30	50	20	100	4
237	Skill Based Photography	Skill Based Elective Course	30	50	20	100	4
Total			370	190	140	700	28

Second Year B. Com (Skill Based) CBCS
(2020 - 21) Semester – IV

Course No.	Course / Title of Paper	Course	University Assessment			Total Marks	Credits
			Theory	Practical	Internal		
241	Business Communication- I	Core Course	70	10	20	100	4
242	Corporate Accounting- I	Core Course	30	50	20	100	4
243	Business Economics – I (Macro)	Core Course	70	10	20	100	4
244	Business Management – I	Core Course	70	10	20	100	4
245	Special Course Paper- I (Any One) e) Business Administration f) Banking and Finance g) Cost and Works Accounting h) Business Entrepreneurship	Discipline Special Elective	70	10	20	100	4
246	Skill based Computer	Skill Based Compulsory	30	50	20	100	4
247	Skill Based Photography	Skill Based Elective Course	30	50	20	100	4
Total			370	190	140	700	28

S Y B Com (Skill Based)
CBCS (Semester III)
Business Communication-I

Objectives of the Course:

a. To understand the concept, process and importance of communication.
b. To acquire and develop good communication skills requisite for business correspondence.
c. To develop awareness regarding new trends in business communication.
d. To provide knowledge of various media of communication.
e. To develop business communication skills through the application and exercises.

Paper No. 231 **Total Marks 100**
(Theory 70, Practical 10, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)70 +10+20			Credits
		Theory	Practical	72	Th	P	Internal	
1	**Introduction of Business Communication** 1.1 Introduction, Meaning, Definition. 1.2 Characteristics, Importance of communication. 1.3 Principles of communication, Process of communication 1.4 Barriers to communication & Remedies. 1.5 Methods and Channels of Communication **Practical** – Collection of information, Group Presentation, Project Work.	14	4	18	20	3	20	1
2	**Business Letters** 2.1 Meaning and Importance 2.2 Qualities or Essentials, Physical Appearance 2.3 Layout of Business **Practical** – Collection of information, Writing Letters Group Presentation, Project Work.	14	4	18	15	2		1
3	**Soft skills** 3.1 Meaning, Need, Importance. 3.2 Elements of soft skills. a) Manners & Etiquettes, Grooming. b) Effective Listening & Speaking c) Interview Skills. d) Presentation e) Group Discussion. f) Problem-solving skills G)Time management abilities **Practical** – Collection of information, Group Presentation, Project Work.	14	4	18	15	3		1
4	**Resume writing & Job Application letters** 4.1 Introduction, essential elements of Bio data, Resume writing, Curriculum Vitae. 4.2 Meaning & Drafting of Job Application	14	4	18	20	2		1

	letter. **Practical** – Collection of letters, Writing Applications , Group Presentation, Project Work.							
		56	16	72	70	10	20	4

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks 10
1.	1	Field visit report And Presentation.	10 marks
2.	2	Group Discussion	10 marks
3	3	Powerpoint presentation	10 marks
		Total 30 (Convert out of 10)	30

Pattern of Question Paper :

S.NO	Question	Nature of Question	Marks
1	Question 1 Answer the following questions (12 objective type questions)	Objective Question (Fill in the blanks, Multi choice Questions, Answer in one sentence)	12
2	Question 2 (Answer any five questions from given seven questions)	Short answer questions (Answer in four to five lines, Write definitions, Write information and Short notes.)	10
3	Question 3 a)Answer any 1 questions from given 3 question b)answer any 1 question from given 3 question	a) Write one business letter from the following…. b) Select one profession and make a resume from the following.	20
4	Question 4	Write job application letter from the following.	8
5	Question 5 a)Summarizing or note making based on given topic	Practical question on summarising or note making –	10
	c) Long questions	Answer any two from given 4 question	10
		Total	70

References :

Sr. No	**Title of Book**	**Author/s**	**Publication**	**Place**
1	Business Communication	K. K.Sinha	Galgotia Publishing	New Delhi.
2	Business	R. C. Sharma &	Tata McGraw	New

	Correspondence & Report Writing	Krishan Mohan	Hill Publishing Co. Ltd.	Delhi
3	Communication	C.S. Rayudu	Himalaya publication	Mumbai
4	Business Communication	Asha Kaul	Prentice Hall of India	New Delhi.
5	Business Communication	VasishthNeeru& Rajput Namita	Kitab Mahal	Allahabad
6	Soft Skills	Dr. Alex	S.ChandPublication	Delhi
7	Essentials of Business Communication	Rajendra Pal & Korlahalli	Sultan Chand & Sons	New Delhi.
8	Managerial Communication	P. D. Chaturvedi & Mukesh Chaturvedi	Pearson	Delhi

S Y B Com (Skill Based)
CBCS (Semester IV)
Business Communication-II

1. Objectives of the Course:

a. To understand the concept, process and importance of communication.

b. To acquire and develop good communication skills requisite for business correspondence.

c. To develop awareness regarding new trends in business communication.

d. To provide knowledge of various media of communication.

e. To develop business communication skills through the application and exercises

Paper No. 241 **Total Marks 100**

(Theory 70, Practical 10, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)70 +10+20			Credits
		Theory	Practical	72	Th	P	Internal	
	Report Writing and Internal Correspondence Meaning and Significance;Structure of Reports; Negative, Persuasive and Special Reporting 1. Informal Report – Proposals; 2. Formal Reports; 3. Project Report 4. Introduction and Essential elements of Report writing.(Reporting for a meeting) 5. Organization of Press Report. 6. Office Memo (Memorandums) 7. Office Orders 8. Office Circulars 9. Form Memos or Letters 10. Press Releases 11. Import Export Trade **Practical** – visit Collection of reports,, Writing Letters Group Presentation, Project Work.	14	4	18	20	3	20	1
	Recent Trends in Business Communication Internet: Email, Websites, Social Media Network (Twitter, Face book, LinkedIn, You tube, Whats App) , Google Doc, Google Form, Google Sheet, Google Slide, Google Class Room, Online Conference, Video conferencing, Meeting through Zoom App, Google meet	14	4	18	15	2		1

	App, Cisco WebEx meetings App. **Practical** – Preparation of Google document, forms, sheets, Group Presentation using Zoom, google classroom, Project Work.							
	Types and Drafting of Business Letters 1) Enquiry Letters 2) Replies to Enquiry Letters 3) Order Letters 4) Credit and Status Enquiries 5) Sales Letters 6) Complaint Letters 7) Collection Letters 8) Circular Letters **Practical** –visit Collection of information, Writing Letters Group Presentation, Project Work.	14	4	18	15	3		1
	Writing Formal Mails and Blog writing. 4.1: Essential elements of mail, Format of mail. 4.2: Introduction and meaning of Blog, Writing a blog. **Practical** – Collection of information, Writing mails, Group Presentation, Project Work.	14	4	18	20	2		1
		56	16	72	70	10	20	4

Guidelines for completion of Practical's:

1) At least three Practical's should be completed during each semester by students in consultation with subject teacher.
2) Practical should be based on visit as well as library assignments, Project based, Activity based.
3) A subject teacher has special privileges to make the allotment of practical topics.
4) Students should discuss with the subject teacher at the time of selection of practical topics.
5) If a student fails to complete minimum number of practical's, then the student shall not be eligible for appearing at the practical examination.

Pattern of Practical Examination

S.N	Question	Nature of Question	Convert in to 10 Marks
1.	1	Field visit report And Presentation.	10 marks
2.	2	Group Discussion	10 marks
3	3	Powerpoint presentation	10 marks
		Total 30 (Convert out of 10)	30

Pattern of Question Paper

S.NO	Question	Nature of Question	Marks
1	Question 1 Answer the following questions (12 objective type questions)	Objective Question (Fill in the blanks, Multi choice Questions, Answer in one sentence)	12
2	Question 2 (Answer any five questions from given seven questions)	Short answer questions (Answer in four to five lines, Write definitions, Write information and Short notes.)	10
3	Question 3 a)Answer any 1 questions from given 3 question b)answer any 1 question from given 3 question	a) Write one business letter from the following…. b) Select one profession and make a resume from the following.	20
4	Question 4	Write job application letter from the following.	8
5	Question 5 a)Summarizing or note making based on given topic	Practical question on summarizing or note making –	10
	c) Long questions	Answer any two from given 4 question	10
		Total	70

References:

Sr. No	Title of Book	Author/s	Publication	Place
1	Business Communication	K. K.Sinha	Galgotia Publishing	New Delhi.
2	Business Correspondence & Report Writing	R. C. Sharma & Krishan Mohan	Tata McGraw Hill Publishing Co. Ltd.	New Delhi
3	Communication	C.S. Rayudu	Himalaya publication	Mumbai
4	Business Communication	Asha Kaul	Prentice Hall of India	New Delhi.
5	Business Communication	VasishthNeeru& Rajput Namita	Kitab Mahal	Allahabad

6	Soft Skills	Dr. Alex	S.Chand Publication	Delhi
7	Essentials of Business Communication	Rajendra Pal & Korlahalli	Sultan Chand & Sons	New Delhi.
8	Managerial Communication	P. D. Chaturvedi & Mukesh Chaturvedi	Pearson	Delhi

Second Year B. Com (Skill Based) CBCS
(Semester III)
CORPORATE ACCOUNTING –I

Objectives of the course:

1. To acquaint the student with knowledge about various Concepts, Objectives and applicability of some important accounting standards associated with to corporate accounting.
2. To develop understanding among the students on the difference between commencement and incorporation of a company and the accounting treatment for transactions during the two phases.
3. To update the students with knowledge for preparation of final accounts of a company as per Schedule III of the Companies Act 2013
4. To empower to students with skills to interpret the financial statements in simple and summarized manner for effective decision making process.
5. To acquaint the student with knowledge about various Concepts , Objectives and applicability of some important accounting standards associated with to corporate accounting.
6. To develop understanding among the students on the difference between commencement and incorporation of a company and the accounting treatment for transactions during the two phases.
7. To update the students with knowledge for preparation of final accounts of a company as per Schedule III of the Companies Act 2013
8. To empower to students with skills to interpret the financial statements in simple and summarized manner for effective decision making process.

Paper No. 232 **Total Marks 100**
(Theory 30, Practical 50, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)30+50+20			Credits
		Theory	Practical	72	Th	P	Internal	
	Accounting Standards • Standards 5, 10, 14 Accounting and 21 • Its applicability with Practical Examples. • Introduction to the process on incorporation of a company. • Difference between incorporation and commencement of a company **Practical-** Accounting, Group work on problems and presentation	9	9	18	10	7	20	1
	Profit Prior to Incorporation • Accounting of incomes and expenses during Pre- and Post-Incorporation period. • Basis of allocation and apportionment of	9	9	18	15	8		1

	income and expenses for the Pre and Post-Incorporation period. **Practical-** Preparation of incomes and expenses statement and Presentation							
	Company Final Accounts • Preparation of Company Final Accounts- Forms and contents as per Provisions Schedule III of the Companies Act 2013 (with the amendments for the relevant academic year) • Related adjustments and their treatment. **Practical-** Preparation of company account statement and Presentation	9	9	18	10	7		1
	Valuation of Shares Concept of Valuation, • Need for Valuation, • Special Factors affecting Valuation of Shares, Methods of Valuation – • Net Assets Method, • Yield Basis Method, • Fair Value Method **Practical-Practical experience on Valuation**	9	9	18	15	8		1
		36	36	72	50	30	20	4

Suggested Practical's to Students:-

1. Individual assignment of solving practical problems.
2. Group Activity –Project Report on Valuation of shares of an Indian company based on Financial statements of latest 3relevant financial years.

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks 30
1.	1	Assignments	10 marks
2.	2	Group Activity	10 marks
3	3	PowerPoint presentation	10 marks
			30

Pattern of QuestionPaper

S.NO	Question	Nature of Question	Marks
1	Question 1 Answer the following questions (15 objective type questions)	Objective Question (Fill in the blanks, Multi choice Questions, Answer in one sentence) Unit-I	15
2	Question 2 (Practical Problems)	Practical Problems (Unit-II)	10
3	Question 3 (Practical Problems)	Practical Problems (Unit-III)	10
4	Question 5	Report writing on valuation of shares of a company from its latest annual Report(Unit-IV)	15
			50

List of Books Recommended :-

1. Advanced Accounts: By M.C. Shukla & S.P. Grewal (S.Chand & Co. Ltd.)
2. Advanced Accountancy: By S.P. Jain & K.N. Narang (Kalyani Publishers)
3. Advanced Accountancy: By R.L.Gupta & M. Radhaswamy (Sultan Chand & Sons)
4. Company Accounts: By S.P. Jain & K.L. Narang
5. Advanced Accounts: By Paul Sr.
6. Corporate Accounting: By Dr. S. N. Maheshwari & S.K. Maheshwari
7. Corporate Accounting: By Mukharji & Hanif
8. Accounting Standards –as issued by Institute of Chartered Accountants of India.

Second Year B. Com (Skill Based)
CBCS (Semester IV)
CORPORATE ACCOUNTING –II

Objectives of the course

1. To acquaint the student with knowledge of corporate policies of investment for expansion and growth through purchase of stake in or absorption of smaller units.
2. To develop the knowledge among the student about consolidation of financial statement with the process of holding
3. To update the students with knowledge of the process of liquidation of a company
4. 4.To introduce the students with the recent trends in the field of accountancy

Paper No. 232 **Total Marks 100**

(Theory 30, Practical 50, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)50 +30+20			Credits
		Theory	Practical	72	Th	P	Internal	
1	**Holding Company Accounts** 1.1Calculation of Capital Profit, Revenue profit, Cost of Control. 1.2 Preparation of consolidated Balance sheet of Holding Company with one subsidiary only. 1.3 Adjustment of intercompany transactions, unrealized profit of stock **Practical** –, Preparation of balance sheet Group Presentation Related to topic,project	9	9	18	10	7	20	1
2.	**Absorption of Companies** Introduction , Meaning - Vendor and Purchasing Companies- Purchase Consideration, Accounting entries in the books of vendor Company and Journal entries and Preparation of Balance Sheet after Absorption in the books of Purchasing Company **Practical** – Book Entries , Accounting entries Group Presentation Related to topic, project	9	9	18	15	8		1
3.	**Accounting for Liquidation of Companies** Meaning of Liquidation- Modes of winding up – (a) Preparation of Liquidator final statement of Account (b) Preparation of Statement of Affairs and Deficiency Account.	9	9	18	10	7		1

	Practical - Preparation of Liquidator final statement of Account and Statement of Affairs and Deficiency Account.							
4.	**Forensic Accounting** 4.1Introduction , Meaning , Objectives , Types of Forensic Accounting , 4.2Nature and key principles of forensic accounting 4.3Ethical principles and responsibilities **Practical** –Sum on topic and Group presentation.	9	9	18	15	8		1
		36	36	72	50	30	20	4

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks 30
1.	1	Assignments	10 marks
2.	2	Group Presentation	10 marks
3	3	Preparation of sheets and statements	10 marks
		Total 30	30

Pattern of Question Paper

S.NO	Question	Nature of Question	Marks
1	Question 1 Answer the following questions (15 objective type questions)	Objective Question (Fill in the blanks, Multi choice Questions, Answer in one sentence) Unit-I	15
2	Question 2 (Practical Problems)	Practical Problems	10
3	Question 3 (Practical Problems)	Practical Problems	10
4	Question 5	Long Questions Out of 5 students have to do 3	15
			50

S Y B Com (Skill Based)
CBCS (Semester III)
BUSINESS ECONOMICS (MACRO)

Objectives –

- To familiarize the students to the basic theories and concepts of Macro Economics and their application.
- To study the relationship amongst broad aggregates.
- To impart knowledge of business economics.
- To understand macroeconomic concepts.
- To introduce the various concepts of National Income

Paper No. 233 **Total Marks 100**

(Theory 70, Practical 10, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)70 +10+20			Credits
		Theory	Practical	72	Th	P	Internal	
	1.1 Meaning and Definition of Macro Economics. 1.2 Nature of Macro Economics. 1.3 Scope of Macro Economics. 1.4 Significance of Macro Economics. 1.5 Limitations of Macro Economics. 1.6 Macro Economic Objectives	12	6	18	15	2	20	1
	National Income 2.1 Meaning and Importance of National Income. 2.2 Concepts: 2.2.1 Gross National Product (GNP) 2.2.2 Net National Product (NNP) 2.2.3 Gross Domestic Product (GDP) 2.2.4 Per Capita Income (PCI) 2.2.5 Personal Income (PI) 2.2.6 Disposable Income (DI) 2.3 Measurement of National Income Methods and Difficulties 2.4 Circular Flow of Income: Two sector model	10	8	18	20	3		1
	Theories of Output and Employment 3.1 The Classical Theory of Employment: J.B.Say 3.2 Keynes Criticism on Classical	12	6	18	15	2		1

	Theories of Employment. 3.3 Keynesian Theory of Employment.							
	Consumption, Saving and Investment: 4.1 The Consumption Function: 4.1.1 Meaning 4.1.2 Marginal Propensity to Consume(MPC) 4.1.3 Keynes's Psychological Law of Consumption. 4.1.4 Determinants of Consumption. 4.2 The Saving Function: 4.2.1 Meaning, 4.2.2 Marginal Propensity to Save(MPS) 4.2.3 Determinants of Savings 4.2.4 Relationship between Consumption and Saving Function(MPC and MPS) 4.3 Meaning and Types of Investment: Gross, Net, Induced and Autonomous. 4.4 Marginal Efficiency of Capital and its Determinants. 4.5 Concepts of Investment Multiplier and Acceleration Principal	9	9	18	20	31		1
	Total	43	29	72	70	10	20	4

Suggested practical for Students: -

1. Visit to any nationalized bank and understand the concept of opening Saving and Current Account, Home Loan System, Fixed Deposit System etc….
2. Visit to Insurance Company and understand about different policies and schemes.
3. Prepare PowerPoint presentation on different topics given by teacher example, Importance of saving and Investment, procedure of taking different policies, concept of National income etc…
4. Difference in goals of developed and developing companies
5. Comparison between macro and microeconomics
6. Difficulties in estimation of National income in India.
7. Method of National Income used by India
8. Critical evaluation of Classical theory Keynesian theory In present context
9. Changing trends of saving and investment in India
10. Comparison of the trends of saving and investment in India with any other developed or Developing country.
11. Study the impact of multiplier and acceleration by taking an hypothetical example.

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks convert in to 10
1.	1	Visit to Bank and prepare report for the same	10 marks
2.	2	Journal report based on all units	10 marks
3	3	Power point presentation based on all units	10 marks
		Total (convert into 10)	30

Question Paper Pattern of Examination

S.NO	Question	Nature of Question	Marks
1	Question 1 Answer the following questions (12 objective type questions)	Objective Question (Fill in the blanks, Multi choice Questions, Answer in one sentence)	12
2	Question 2 (Answer any five questions from given seven questions)	Short answer questions (Answer in four to five lines, Write definitions, Write information and Short notes.)	10
3	Question 3 a)Answer any 1 questions from given 3 question b)answer any 1 question from given 3 question	a) Write one business letter from the following…. b) Select one profession and make a resume from the following.	20
4	Question 4	Write job application letter from the following.	8
5	Question 5 a)Summarising or note making based on given topic	Practical question on summarising or note making –	10
	c) Long questions	Answer any two from given 4 question	10
		Total	70

References:

1. Economics: Paul A Samuelson and William D Nordhaus. McGRAW – HIILL international Edition.
2. Macroeconomics: N. Gregory Makiw, Worth Publishers, New York.
3. Macro- Economic Theory: M L Zingan, Vrinda Publications (P) Limited.
4. Samashti Arthshstriy Vishleshan : Shridhar Deshpande, Vinayak Deshpande, Himalaya Publication House**.**
5. Theories of value: output and employment - John Eatwell, Thames Polytechnic, 1979
6. Businss Economics, Dr.J.P.Mishra, Sahitya Bhavan Publications, Agra.
7. Macroeconomics: A Global Text, Sampat Mukherjee, New Central Book Agency Private Limited (Latest Edition), New Delhi
8. Macroeconomics: A Rough Guide, in Macroeconomics: A Reader, (Ed.) Brian Snowdon and Howard Vane, Routledge
9. Business Economics (Macro): Dr. Rasal, Bhadane, Fernandes, Idol Publication, Pune-2
10. Macroeconomics: Theory and Policy, S. Chand & Company Limited. (Latest Edition)
11. Ben Fine & Ourania Dimakou, Macroeconomics: A Critical Companion, Pluto Press (Latest Edition)
12. Michel De Vroey, A History of Macroeconomics: From Keynes to Lucas and Beyond, Cambridge University Press (Latest Edition)
13. Sampat Mukherjee, Analytical Macroeconomics: From Keynes to Mankiw, New

Central Book Agency Private Limited
14. Macroeconomics- K R Gupta, R.K.Mandal, Amita Gupta, Atlantic Publishers and distributor's pvt.ltd.
15. Money, Inflation, and Business Cycles the Cantillon Effect and the Economy, Arkadiusz Sieroń. Abingdon, Routledge, 2019. NewYork
16. Macroeconomics: N. Gregory Maki Worth Publishersw, New York
17. Macro Economics: Rudiger Dornbusch, Stanley Fisher & Richard Startz Tata McGraw Hill Education Private Limited (Latest Edition), US
18. The General Theory of Employment, Interest, and Money- John Maynard Keynes, General Press
19. An Analysis of John Maynard Keyne's The General Theory of Employment, Interest and Money- John Collins, CRC Press, 2017

Suggested Web References

Sr. No	Lectures	Films	Animation	PPTs	Articles
1	https://www.youtube.com/watch?v=byqiVAk0dk4	https://inomics.com/insight/10-movies-alleconomistswill-love-1292886	https://www.youtube.com/watch?v=B2YYwIElg0c	https://www.slideshare.net/hassanmujtaba7547/frame-work-ofmacroeconomicsppt	https://www.journals.elsevier.com/journalofmacroeconomics/recent-articles
2	https://www.economicsnetwork.ac.uk/teaching/Video%20and%20Audio%20Lectures/Principles%20of%20Macroeconomics	http://www.studyingeconomics.ac.uk/the-littlebits-welike/films/	https://www.youtube.co.watch=9q27h9o9gJQ	https://sites.google.com/site/davismacroclass/Home/powerpointpresentations	site/davismacroclass/Home/powerpointpresentations https://www.britannica.com/topic/national-income
3.	http://web.econ.ku.dk/okocg/MATOEK/Mak%C3%98k2/Mak%C3%98k2-2015/Forel%C	https://www.cambridge.org/core/books/entertainmentindustryeconomics/moviemacroeconо	ps://journals.sagepub.com/doi/pdf/10.1177/05694345	https://www.slideshare.net/rarichanm/nationalincome-42518576	https://academic.oup.com/qje/article/73/3/407/1873398

	3%A6sninger/Pensum-M2-ieen-fil-2015.pdf	mics/011C12934F13A076CD4B6D89E8351373	1105600106		

S Y B Com (Skill Based)
CBCS (Semester IV)
BUSINESS ECONOMICS (MACRO)

Objectives –

- To familiarize the students to the basic theories and concepts of Macro Economics and their application.
- To understand the theories of money.
- To understand the phases of trade cycle and policy measures to elongate the trade cycle.
- To understand various concepts related to public finance.
- To understand credit creation of banks and money measures of RBI.

Paper No. 243 **Total Marks 100**
(Theory 70, Practical 10, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)70 +10+20			Credits
		Theory	Practical	72	Th	P	Internal	
	Money: 1.1 Meaning and Functions of Money 1.2 Demand for Money: 1.2.1 Classical Approach. 1.2.2 Keynesian Approach 1.3 Supply of Money: 1.3.1 Credit Creation of Commercial Banks 1.3.2 Money Measure of RBI (M1, M2, M3, M4). 1.3.3 Credit Control Methods 1.4 Value of Money: 1.4.1. Quantity Theory of Money. 1.4.2 Cash Balance Approach : Marshall, Pigou, Robertson and Keynes	9	9	18	20	3	20	1
	Inflation: 2.1 Meaning and Definition 2.2 Causes of inflation 2.3 Consequences of Inflation 2.4 Demand Pull and Cost Push Inflation 2.5 Stagflation: Meaning and Causes	12	6	18	15	2		1
	Trade cycle: 3.1 Meaning and Definition of Trade Cycle 3.2 Characteristics of Trade Cycle 3.3 Phases of Trade Cycle 3.4 Control of Trade Cycle: Monetary Measures and Fiscal Measures	10	8	18	15	2		1

	Public Finance: 4.1 Meaning and Definitions. 4.2 Scope of Public Finance. 4.3 Importance of Public Finance. 4.4 Meaning and Types of Tax. 4.5 Public Expenditure: Meaning and Causes of Increasing Public Expenditure. 4.6 Public Debt: Meaning and Importance. 4.7 Budget: Meaning and Types	10	8	18	20	3		1
		41	31	72	70	10	20	4

Suggested projects for students

1. Implication of liquidity trap.
2. Credit control methods used by India.
3. Inflation trends in developed and developing countries
4. Trends of agricultural prices in India
5. Anti-cyclical policy measures used by various countries
6. Effect of US recession on the world economy
7. Implication of these measures
8. Trend of developed and non-developed expenditure in Indian economy
9. Types of taxes in India
10. Study of Indian budget

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks convert in to 10
1.	1	Project book	10 marks
2.	2	Assignments	10 marks
3	3	PowerPoint presentation	10 marks
		Total (convert into 10)	30

Question Paper Pattern of Examination

S.NO	Question	Nature of Question	Marks
1	Question 1 Answer the following questions (12 objective type questions)	Objective Question (Fill in the blanks, Multi choice Questions, Answer in one sentence)	12
2	Question 2 (Answer any five questions from given seven questions)	Short answer questions (Answer in four to five lines, Write definitions, Write information and Short notes.)	10
3	Question 3 a)Answer any 1 questions from given 3 question b)answer any 1 question from given 3 question	a) Write one business letter from the following…. b) Select one profession and make a resume from the following.	20
4	Question 4	Write job application letter from the following.	8
5	Question 5 a)Summarising or note making based on given topic	Practical question on summarising or note making –	10
	c) Long questions	Answer any two from given 4 question	10
		Total	70

References:

1. Economics: Paul A Samuelson and William D Nordhaus. McGRAW – HIILL international Edition.

2. Macroeconomics: N. Gregory Makiw, Worth Publishers, New York.

3. Macro- Economic Theory: M L Zingan, Vrinda Publications (P) Limited.

4. Samashti Arthshstriy Vishleshan : Shridhar Deshpande, Vinayak Deshpande, Himalaya Publication House**.**

5. Theories of value: Output and Employment - John Eatwell, Thames Polytechnic, 1979

6. Businss Economics, Dr.J.P.Mishra, Sahitya Bhavan Publications, Agra.

7. Macroeconomics: A Global Text, Sampat Mukherjee, New Central Book Agency Private Limited (Latest Edition), New Delhi

8. Macroeconomics: A Rough Guide, in Macroeconomics: A Reader, (Ed.) Brian Snowdon and Howard Vane, Routledge

9. Paisa, Mahagaie Aani Rajasva: Dr. Rasal, Shelar and Bhadane, Idol Publications, Pune.

10. Macroeconomics: Theory and Policy, S. Chand & Company Limited. (Latest Edition)

11. Ben Fine & Ourania Dimakou, Macroeconomics: A Critical Companion, Pluto Press (Latest Edition)

12. Michel De Vroey, A History of Macroeconomics: From Keynes to Lucas and Beyond, Cambridge University Press (Latest Edition)

13. Sampat Mukherjee, Analytical Macroeconomics: From Keynes to Mankiw, New Central Book Agency Private Limited

14. Macroeconomics- K R Gupta, R.K.Mandal, Amita Gupta, Atlantic Publishers and distributor's pvt.ltd.

15. Money, Inflation, and Business Cycles The Cantillon Effect and the Economy, Arkadiusz Sieroń. Abingdon, Routledge, 2019. NewYork

16. Macroeconomics: N. Gregory Maki Worth Publishersw, New York

17. Macro Economics: Rudiger Dornbusch, Stanley Fisher & Richard Startz Tata McGraw Hill Education Private Limited (Latest Edition),US

18. The General Theory of Employment, Interest, and Money- John Maynard Keynes, General Press

19. An Analysis of John Maynard Keyne's The General Theory of Employment, Interest and Money- John Collins, CRC Press,2017

Suggested Web References:

Sr. No	Lectures	Films	Animation	PPTs	Articles
1	https://www.economicsnetwork.ac.uk/teaching/Video%20and%20Audio%20Lectures/Public-sector%20Economics%20and%20Public%20Choice%20Theory	http://www.studyingeconomics.ac.uk/the-little-bits-we-like/films/	https://ed.ted.com/lessons?category=macroeconomics	https://www.slideshare.net/NayanVaghela/trade-cycle-chapter-4	https://theconversation.com/global/topics/inflation-645

2	https://www.youtube.com/watch?v=Aci3GEhMF54	https://economics.stackexchange.com/questions/9781/what-are-some-exceptional-movies-documentaries-on-macroeconomics	https://www.ufs.ac.za/econ/unlisted-pages/microeconomics-animations	https://www.slideshare.net/NayanVaghela/public-finance-chapter-7	https://journals.sagepub.com/toc/pfr/current

S. Y. B. COM. (Skill Based)
CBCS

Business Management-I
Semester -III

Paper No.234 **Credits 4** **Total Marks 100**

(Theory 70, Practical 10, Internal 20)

Objectives-

1. To provide basic knowledge and understanding about various concepts of Business Management.
2. To help the students to develop cognizance of the importance of management principles.
3. To provide an understanding about various functions of management.
4. To provide them tools and techniques to be used in the performance of the managerial job.

Paper No.234 **Credits 4** **Total Marks 100**
(Theory 70, Practical 10, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)70 +10+20			Credits
		Theory	Practical	72	Th	P	Internal	
1	**Management** 1.1 Meaning definition of Management 1.2 Need for Management study 1.3 Process and levels of management 1.4Functions of management 1.5Contribution of F.W. Taylor, Henry Fayol, Peter Drucker, Mintzbergand Michel Porter in development of management thoughts	12	6	18	20	3	20	1
2.	**Understanding Management :Planning and Decision Making** 2.1 Meaning, definition and nature of Planning 2.2 Forms and types of Planning 2.3 Steps in Planning 2.4Limitations of Planning 2.5Meaning and techniques ofForecasting 2.6Meaning, Types and Steps inDecision Making	12	6	18	15	2		1
3.	**Management at Work : The process of organizing and staffing** 3.1 Meaning, Process and Principles of Organizing 3.2 Concept of Authority and Responsibility 3.3Delegation of Authority 3.4Difficulties in Delegation of Authority 3.5Need and importance of Staffing	12	6	18	20	3		1

	3.6 Recruitment : Sources and Methods							
4.	**Resultorientation:DirectionandTeam Work** 4.1 Meaning, Elements,Principles,Techniques and Importance ofDirection. 4.2Concept of Team Work, GroupDynamics and principlesregarding interpersonal communication and GroupBehaviour	12	6	18	15	2		1
	Total	48	24	72	70	10	20	4

Suggested Practical:

1. Poster Presentation onManagement Thinkers andtheir role in presentbusiness management
2. Student group activitieswhich involve Planning andDecision Making
3. **Visit to an Industry**.
   The students are required to observe the following:
   a. Nature of the business organisation.
   b. Determinants for location of business unit.
   c. Form of business enterprise: Sole Proprietorship, Partnership, Undivided Hindu Family, Joint Stock Company (a Multinational Company).
   d. Different stages of production/process
   e. Auxiliaries involved in the process.
   f. Workers employed, method of wage payment, training programmes and facilities available.
   g. Social responsibilities discharged towards workers, investors, society, environment and government.
   h. Levels of management.
   i. Code of conduct for employers and employees.
   j. Capital structure employed- borrowed v/s owned.
   k. Quality control, recycling of defective goods.
   l. Subsidies available/availed.
   m. Safety Measures employed.
   n. Working conditions for labour in observation of Labour Laws.
   o. Storage of raw material and finished goods.
   p. Transport management for employees, raw material and finished goods.
   q. Functioning of various departments and coordination among them (Production, Human Resource, Finance and Marketing)
   r. Waste Management.
   s. Any other observation.

4. Changing role of the women in the past 25 years relating to joint families, nuclear families, women as a bread earner of the family, changes in the requirement trend of mixers, washing machines, micro wave and standard of living.

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks 20
1.	1	Field visit report And Presentation.	10 marks
2.	2	Group Activity	10 marks
3	3	Poster presentation	10 marks
4.	4.	Changing role in business	10 marks
		Total 20 (Convert out of 40)	20

Pattern of Question Paper

S.NO	Question	Nature of Question	Marks
1	Question 1 Answer the following questions (12 objective type questions)	Objective Question (Fill in the blanks, Multi choice Questions, Answer in one sentence)	12
2	Question 2 (Answer any five questions from given seven questions)	Short answer questions (Answer in four to five lines, Write definitions, Write information and Short notes.)	10
3	Question 3 a)Answer any 1 questions from given 3 question b)answer any 1 question from given 3 question	d) Write one business letter from the following…. e) Select one profession and make a resume from the following.	20
4	Question 4	Write job application letter from the following.	8
5	Question 5 a)Summarising or note making based on given topic	Practical question on summarising or note making –	10
	f) Long questions	Answer any two from given 4 question	10
		Total	70

References :-

1. Essentials of Management - Horold Koontz and IteinzWeibrich–McGrawhillsInternational
2. Management Theory & Practice - J.N.Chandan
3. Essential of Business Administration - K.Aswathapa Himalaya Publishing House
4. Principles & practice of management - Dr. L.M.Parasad, Sultan Chand & Sons - NewDelhi
5. Business Organization & Management - Dr. Y.K. Bhushan
6. Management: Concept and Strategies By J. S. Chandan, Vikas Publishing
7. Principles of Management, By Tripathi, Reddy Tata McGraw Hill
8. Business organization and Management by Talloo by Tata McGraw Hill
9. Business Environment and Policy – A book on Strategic Management By Francis Cherunilam Himalaya Publishing House
10. Principles & practice of management - Dr. L.M.Parasad, Sultan Chand & Sons - NewDelhi
11. Business Organization & Management - Dr. Y.K. Bhushan
12. Management: Concept and Strategies By J. S. Chandan, Vikas Publishing
13. Principles of Management, By Tripathi, Reddy Tata McGraw Hill
14. Business organization and Management by Talloo by Tata McGraw Hill
15. Business Environment and Policy – A book on Strategic Management By FrancisCherunilam Himalaya Publishing House

S. Y. B. COM. (Skill Based) CBCS
Business Management-II
Semester -IV

Objectives-

1. To provide basic knowledge and understanding about various concepts of Business Management.
2. To help the students to develop cognizance of the importance of management principles.
3. To provide an understanding about various functions of management.
4. To provide them tools and techniques to be used in the performance of the managerial job.

Paper No.244 **Total Marks 100**

Theory 70, Practical 10, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P- Practical)70 +10+10			Credits
		Theory	Practical	72	Th	P	Internal	
1	**Improving peoples' performance : Motivating the staff**. 1.1 Meaning, Importance and Theories of motivation 1.2 Maslow's Need Hierarchy Theory 1.3 Herzberg's Two Factor Theory 1.4 Douglas MC Gregor's Theory of X and Y 1.5 Ouchi's Theory Z 1.6 McClelland's Theory	12	6	18	15	3	20	1
2.	**Organizing from front- Leadership Skills** 2.1 Meaning, Importance, Qualities and Functions of a leader 2.2 Leadership styles for effective management 2.3Contribution of Mahatma Gandhi,Dr.Babasaheb Ambedkar and Pt. Jawaharlal Nehru in leadership	12	6	18	20	2		1
3.	**Achieving success at work : Coordination and Control** 3.1 Meaning and need of coordination and control 3.2 Techniques and difficulties inestablishing coordination and control 3.3 Steps in the process of control and it'stechniques	12	6	18	15	3		1
4.	**Emerging trends in Business management** 4.1 Corporate Social Responsibility, 4.2 Corporate Governance And Corporate Citizenship, 4.3 Disaster Management And 4.4 Management of Change	12	6	18	20	2		1
	Total	48	24	72	70	10		4

Suggested Practical's:

1. Poster Presentation on motivation theories, coordination and control.
2. Student group activities which involve leadership skills and qualities.
3.Projects on various emerging trends in management

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks 20
1.	1	Project report	10 marks
2.	2	Group Activity	10 marks
3	3	Poster presentation	10 marks
		Total 20 (Convert out of 30)	20

Pattern of Question Paper

S.NO	Question	Nature of Question	Marks
1	Question 1 Answer the following questions (12 objective type questions)	Objective Question (Fill in the blanks, Multi choice Questions, Answer in one sentence)	12
2	Question 2 (Answer any five questions from given seven questions)	Short answer questions (Answer in four to five lines, Write definitions, Write information and Short notes.)	10
3	Question 3 a)Answer any 1 questions from given 3 question b)answer any 1 question from given 3 question	a) Write one business letter from the following…. b) Select one profession and make a resume from the following.	20
4	Question 4	Write job application letter from the following.	8
5	Question 5 a)Summarising or note making based on given topic	Practical question on summarising or note making –	10
	c) Long questions	Answer any two from given 4 question	10
		Total	70

References :-

1. Management Theory & Practice - J.N.Chandan
2. Essential of Business Administration - K.Aswathapa Himalaya Publishing House
3. Principles & practice of management - Dr. L.M.Parasad, Sultan Chand & Sons - New Delhi
4. Business Organization & Management - Dr. Y.K. Bhushan
5. Management: Concept and Strategies By J. S. Chandan, Vikas Publishing

6. Principles of Management, By Tripathi, Reddy Tata McGraw Hill
7. Business organization and Management by Talloo by Tata McGraw Hill Business Environment and Policy – A book on Strategic Management By Francis Cherunilam Himalaya Publishing House
8. Essentials of Management - Horold Koontz and IteinzWeibrich - McGrawhills International
9. Management Theory & Practice - J.N.Chandan
10. Essential of Business Administration - K.Aswathapa Himalaya Publishing House
11. Principles & practice of management - Dr. L.M.Parasad, Sultan Chand & Sons - New Delhi
12. Business Organization & Management - Dr. Y.K. Bhushan
13. Management: Concept and Strategies By J. S. Chandan, Vikas Publishing
14. Principles of Management, By Tripathi, Reddy Tata McGraw Hill
15. Business organization and Management by Talloo by Tata McGraw Hill
16. Business Environment and Policy – A book on Strategic Management By Francis Cherunilam Himalaya Publishing House

SOM (Skill Based) CBCS
Business Administration I
Semester III

1. Objectives of the Course:

a. To provide basic knowledge about various forms of business organizations

b. To acquaint the students about business environment and its implications thereon.

c. To make them aware about the recent trends in business.

Paper No.235 **Total Marks 100**

Theory 70, Practical 10, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P- Practical)70 +10+20			Credits
		Theory	Practical	72	Th	P	Internal	
1	**Introduction to Business Administration** Business-Definition, Characteristics, Scope Objectives of Business-Economic & Social Perspectives. Commerce-Meaning, Concept, Trade & Aids to trade- Meaning & Definition of the Terms- Administration, Management and Organization, Functions of Administration **Practical –** Collection of information and group presentation	9	9	18	20	3	20	1
2	**Types of Business Organisations** Sole Proprietorship, Partnership Firm, Limited Liability Partnership, Joint Stock Company, Non-Profit Joint Stock Company under Section 25 of the Companies Act, NGO, One Person Company, MNC, MSME Unorganised (informal)v/s Organized sector(registered/incorporated) Entrepreneurship: Meaning, definition and importance, objectives, skills and qualities required of an entrepreneur, case study of a successful local entrepreneur **Practical –** Collection of information and group presentation. visit, project ,case study	6	12	18	15	3		1
3	**Business Environment**	9	9	18	20	2		1

	Meaning of Business Environment Constituents of Business Environment Economic, Social, Legal, Cultural, Educational, Political, Technological, Natural and international. Impact of New Policies on Business Administration **Practical –** Collection of information and group presentation. visit, project ,case study							
4	**Business Promotion and development** Business unit- Promotion, Concept, Stages in business promotion, Business development: Concept, process. Business components to be focused for development like markets, customers and relationships **Practical –** Collection of information and group presentation. visit, project ,case study	6	12	18	15	2		1
		30	42	72	70	10	20	4

Suggested Practicals:-

1. Introducing Case studies to understand the impact of the environment onbusiness.
2. Make Poster for Business promotion Using differentmethods.
3. Assignments related to allunits.
4. Power Point presentation on topics given byteachers.

Pattern of Practical Examination

S.N	Question	Nature of Question	Convert 30 marks in 10
1.	1	Project report	10 marks
2.	2	Group Activity/presentation	10 marks
3	3	Case study presentation	10 marks
		Total 30 (Convert out of 10)	30

Pattern of Question Paper

S.NO	Question	Nature of Question	Marks
1	Question 1 Answer the following questions (12 objective type questions)	Objective Question (Fill in the blanks, Multi choice Questions, Answer in one sentence)	12
2	Question 2 (Answer any five questions from given seven questions)	Short answer questions (Answer in four to five lines, Write definitions, Write information and Short notes.)	10

3	Question 3 a)Answer any 1 questions from given 3 question b)answer any 1 question from given 3 question	a) Write one business letter from the following…. b) Select one profession and make a resume from the following.	20
4	Question 4	Write job application letter from the following.	8
5	Question 5 a)Summarising or note making based on given topic	Practical question on summarising or note making –	10
	c) Long questions	Answer any two from given 4 question	10
		Total	70

Recommended Books:

i. Modern Business Organisation & Management-N.Mishra, Allied Publishers-Mumbai
ii. Essentials of Business Administration- K. Ashwathappa-Himalaya Publication
iii. Business Administration-S.C.Saxena-Sahitya Bhavan, Agra
iv. The Administrative Process-Stephen Robbins
v. Industrial Administration & Management- J.Batty
vi. Basu, C. (201
vii. Business Organisation and Management. McGraw Hill Education.

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S.Y.B.COM (Skill Based)
CBCS

Business Administration I
Semester IV

Objectives-

1. To provide basic knowledge about various forms of business organizations
2. To acquaint the students about business environment and its implications thereon.
3. To make them aware about the recent trends in business

Paper No.245 **Total Marks 100**

Theory 70, Practical 10, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)70 +10+20			Credits
		Theory	Practical	72	Th	P	Internal	
1	**Legal Aspects (Recent Trends)** Compliance of legal requirements in promoting business unit, Licensing, Registration, Filing returns and other documents **Practical** – Collection of information and group	12	6	18	20	2	20	1

	presentation. visit, project ,case study							
2	**Productivity** Meaning, Importance & measurements of productivity, Factors affecting productivity, Role of National Productivity Council-Product Quality Control **Practical** – Collection of information and group presentation. visit, project ,case study	8	10	18	15	3		1
3	**Business liasoning** Interface between business and government, society ,and natural environment; etc Business strategy -- meaning and importance and steps in developing strategies **Practical** – Collection of information and group presentation. visit, project ,case study	9	9	18	20	2		1
4	**Business Alliances (growth strategies** Mergers & Acquisition, Franchising, Outsourcing-concept and characteristics, Public Private Partnership, Business Engineering **Practical** – Collection of information and group presentation. visit, project ,case study	8	10	18	15	3		1
		37	35	72	70	10	20	4

Suggested practicals:-

1. Interviews /interaction with Business leaders to get a deeper insight on the environment and its impact on business. report writing based oninteraction.
2. Assignments, group presentations.

Pattern of Practical Examination

S.N	Question	Nature of Question	Convert this 30 Marks into 10
1.	1	Project report	10 marks
2.	2	Group Activity /presentation	10 marks
3	3	Case study presentation	10 marks
		Total 30 (Convert out of 10)	30

Pattern of Question Paper

S.NO	Question	Nature of Question	Marks
1	Question 1 Answer the following questions (12 objective type questions)	Objective Question (Fill in the blanks, Multi choice Questions, Answer in one sentence)	12
2	Question 2 (Answer any five questions from given seven questions)	Short answer questions (Answer in four to five lines, Write definitions, Write information and Short notes.)	10
3	Question 3 a)Answer any 1 questions from given 3 question b)answer any 1 question from given 3 question	a) Write one business letter from the following…. b) Select one profession and make a resume from the following.	20
4	Question 4	Write job application letter from the following.	8
5	Question 5 a)Summarising or note making based on given topic	Practical question on summarising or note making –	10
	c) Long questions	Answer any two from given 4 question	10
		Total	70

Recommended Books:

i. Modern Business Organisation & Management-N.Mishra, Allied Publishers-Mumbai

ii. Essentials of Business Administration- K. Ashwathappa-Himalaya Publication

iii. Business Administration-S.C.Saxena-Sahitya Bhavan, Agra

iv. The Administrative Process-Stephen Robbins

v. Industrial Administration & Management- J.Batty

vi Basu, C. (2017). Business Organisation and Management. McGraw Hill

S. Y. B.com (Skill Based)CBCS
Banking and Finance –I (w. e. f. 2020-2021)
(Choice Based Credit System)
Semester -III

Objectives-

1. To explain the Concepts and Significance of Banking and Finance.
2. To impart the knowledge about Indian Banking System.
3. To study the Various Functions of Banking Institutions. including Co-operative banking in India

Paper No.235 **Credits 4** **Total Marks 100**

(Theory 70, Practical 10, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)70 +10+20			Credits
		Theory	Practical	72	Th	P	Internal	
1	Introduction to Banking 1.1 Role of Banking Industry in Indian Economy. 1.2 History & Evolution of Indian Banking. 1.3Structure of Indian Banking. 1.4Meaning & Classification Of Banking	12	6	18	20	2	20	1
2	Types of Accounts 2.1Types of Deposits. 2.2Various Types of Account Holders, Government Account. 2.3Know Your Customer (KYC) Norms & Minimum Balance, Accounting Opening, and Account Operation & Closure Procedure. 2.4Meaning & Work of Self Help Group (SHG)	8	10	18	15	3		1
3	Banking Services 3.1Agency Functions of Banks 3.2Remittance Services –Demand Draft (DD), National Electronic Fund Transfer (NEFT), Real Time Gross Settlement (RTGS) 3.3 General Utility Services of Bank A Study of Safe Deposit Vault, Locker & Custodyin a Bank 3.4Cheques– Types & its Dishonoring Procedure of Cheques	9	9	18	20	2		1

4	Co-operative Banking 4.1 Role of Co-operative Banking in India 4.2 Meaning & Functions of Co-operative Banking 4.3 Principles of Co-operative Banking 4.4 Meaning, Concept, Importance & Functions of Merchant Banking.	8	10	18	15	3		1
	Total	37	35	72	70	10	20	4

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks 20
1.	1	Field visit report And Presentation.	10 marks
2.	2	Group Discussion	10 marks
3	3	Powerpoint presentation	10 marks
		Total 20 (Convert out of 10)	20

S.NO	Question	Nature of Question	Marks
1	Question 1 Answer the following questions (12 objective type questions)	Objective Question (Fill in the blanks, Multi choice Questions, Answer in one sentence)	12
2	Question 2 (Answer any five questions from given seven questions)	Short answer questions (Answer in four to five lines, Write definitions, Write information and Short notes.)	10
3	Question 3 a)Answer any 1 questions from given 3 question b)answer any 1 question from given 3 question		20
4	Question 4	.	8
5	Question 5 a)Summarising or note making based on given topic	Practical question on summarising or note making –	10
	d) Long questions	Answer any two from given 4 question	10
		Total	70

Sr. No	Title of Book	Author/s	Publication	Place
1	Banking Theory, Law and Practices	Prof. Gordon E & Natarajan K.	Himalaya Publication House.	Mumbai
2	Banking Principles and Operations	Gopinath M.N	Snow White Publisher.	Mumbai
3	Indian Banking	Natrarajan and Parameswaran	S. Chand Company Ltd.	New Delhi
4	Banks and Institutional Management	Desai, Vasant	Himalaya Publishing House.	Mumbai
5	Introduction To Banking,	Prof. IyengerG.Vijayaragavan	Excel Books, Publication	New Delhi
6	Micro Finance, Impact & Insights	Rajagopalan S. & Parikh Nirali	The ICFAI University press	Hyderabad
7	Financial Institution and Innovations	Prof.BholeL. M	Tata McGraw Hill Publication Company Limited.	Mumbai
8	R.B.I functions & working		RBI, Publication Department.	Mumbai

S. Y. B. Com (Skill Based)
CBCS
Banking and Finance
Semester -IV

Paper No.245 **Credits 4** **Total Marks 100**

(Theory 70, Practical 10, Internal 20)

1. Objectives of the Course:

.1 To study the System of Financing of Banks.

2. To study the various types of Bank Loans.

3. To introduce the New Trends in Banking. With basic knowledge of stock market

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)70 +10			Credits
		Theory	Practical	72	Th	P	Internal	
1	Procedure of Lending & Types 1.1System of Sound Lending Changes in Bank. Approach to Lending (Security to Need Based). 1.2Types of Bank Credit – System of Financing. 1.3Term Loan Methods, Loan Proposal, Loan Sanctioning Procedure. 1.4Technical Feasibility, Financial Feasibility, Managerial Feasibility& Economic Feasibility	9	9	18	20	3	20	1
2	Retail Banking 2.1 Consumer Loan - Meaning, Definition, Importance & Types 2.2 Business Loan - Meaning, Definition, Importance & Types 2.3. Loans Against Paper Securities - Like Fixed Deposit Receipt (FDR), Life Insurance Corporation (LIC)& Shares. 2.4 Letter of Credit, Solvency Letter	6	12	18	15	3		1
3	Modern Banking 3.1 E – Banking 3.2 Mobile Banking 3.3Study of Different Types of Digital Apps 3.4 Credit/Debit Cards - Advantages & Disadvantages	9	9	18	20	2		1
4	Introduction of Securities and Exchange Board of India (SEBI) 4.1 Basics of Stock Market. 4.2 Concepts – Share, Debentures, Bonds, Mutual Fund, and Dematerialization (DEMAT). 4.3 Meaning, Role &Functions of Non-Banking Financial institution (NBFI). 4.4 Role of Developmental Financial Institution in IndiaLife Insurance Corporation (LIC), Unit Trust	6	12	18	15	2		1

	Of India							
	Total	30	42	72	70	10	20	4

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks 20
1.	1	Field visit report And Presentation.	10 marks
2.	2	Group Discussion	10 marks
3	3	Powerpoint presentation	10 marks
		Total 20 (Convert out of 10)	20

Pattern of question Paper

S.NO	Question	Nature of Question	Marks
1	Question 1 Answer the following questions (12 objective type questions)	Objective Question (Fill in the blanks, Multi choice Questions, Answer in one sentence)	12
2	Question 2 (Answer any five questions from given seven questions)	Short answer questions (Answer in four to five lines, Write definitions, Write information and Short notes.)	10
3	Question 3 a)Answer any 1 questions from given 3 question b)answer any 1 question from given 3 question	d) Write one business letter from the following…. e) Select one profession and make a resume from the following.	20
4	Question 4	Write job application letter from the following.	8
5	Question 5 a)Summarising or note making based on given topic	Practical question on summarising or note making –	10
	f) Long questions	Answer any two from given 4 question	10
		Total	70

Sr.No	Title of Book	Author/s	Publication	Place
1	Banking Theory, Law and Practices	Prof. Gordon E & Natarajan K.	Himalaya Publication House.	Mumbai
2	Banking Principles and Operations	Gopinath M.N	Snow White Publisher.	Mumbai
3	Indian Banking	Natrarajan and Parameswaran	S. Chand Company Ltd.	New Delhi
4	Banks and Institutional Management	Desai, Vasant	Himalaya Publishing House.	Mumbai
5	Introduction To Banking,	Prof. IyengerG.Vijayaragavan	Excel Books, Publication	New Delhi
6	Micro Finance, Impact & Insights	Rajagopalan S. & Parikh Nirali	The ICFAI University press	Hyderabad
7	Financial Institution and Innovations	Prof.BholeL. M	Tata McGraw Hill Publication Company Limited.	Mumbai
8	R.B.I functions & working		RBI, Publication Department.	Mumbai

S. Y. B.com (Skill Based) CBCS

Cost and Works Accounting: –I

Semester -III

Credits 4 **Total Marks 100**

Paper-235

(Theory 70, Practical 10, Internal 20)

Objectives-

1. To understand and explain the conceptual framework of CWA.
2. To equip the students to seek suitable career in CWA and Entrepreneurship.
3. To develop communication and analytical skill among students through self learning.

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)30 +30+40			Credits
		Theory	Practical	72	Th	P	Internal	
1	Basics of Cost Accounting 1.1 Definition, scope, objectives, Nature and significance of Cost and Works Accounting, Limitations of Financial Accounting. Its relationship with Financial Accounting and Works Accounting. 1.2 Concept of Cost, Classification of Cost, Costing, Cost Accounting and Cost Accountancy. 1.3 Role of Cost and works Accountant and career opportunities in Cost and Works Accounting. 1.4 Application of Cost and Works Accounting in Manufacturing and Service Industries. 1.5 Introduction to Cost Accounting Standards, Importance of Standardization, Cost Accounting Standard Board, Number of Cost Accounting Standards	10	6	18	10	5	40	1
2	Elements Of Cost 2.1 Elements of Cost-Material, Labour and Expenses a) 2.2 Classification of Cost as per CAS 1 2.3 Cost Unit, Cost Center , Profit Center, Responsibility Center ,	9	10	18	10	10		1

	Investment Center, Cost Allocation, Cost Apportionment, Cost Absorption 2.4 Preparation of Cost Sheet 2.5 Preparation of Tender and Quotation							
3	Material cost 3.1Introduction to "Material Cost" (CAS-6), Objective, Requisites and Importance 3.2Purchase Procedure and purchase documents and Scientific purchase procedure 3.3 Material Issue methods, Stock levels, EOQ, ABC Analysis 3.4 Material Accounting Types of stores organization, Stores location and layout, Classification and codification of Material, Pricing of Issue of material and stock valuation as per FIFO, LIFO, Weighted Average and Simple Average methods 3.5Inventory Control Meaning, Methods and Recent Trends	9	9	18	5	5		1
4	LABOUER 4.1 Introduction of Employee Costs (CAS-7), Classification of Labour cost, Labour Budgeting, Labour standard, Labour cost Accounting, Factors of controlling labour cost. 4.2 Time Records- Time keeping and Time booking and Methods of Time keeping and Time booking, Time and motions Study. 4.3 Methods of Remunerations-Time rate, Piece rate and Taylor's Differential Piece rate, Incentive Plans-Halsey and Rowan bonus plan 4.4 Labour Turnover-Meaning, causes, effects and methods. Treatment of some of the Employee Cost items in Costing 4.5 Recent Trend in Labour- Job evaluation, Job Analysis, Merit rating and Negotiations	9	10	18	5	10		1
	Total	37	35	72	30	30	40	4

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks 20
1.	1	Field visit report And Presentation. 1.practical knowledge about Purchase procedures and documentation. 2. practical knowledge about Classification and codification of Material, Pricing of Issue of material and stock valuation and inventory control. 3. practical knowledge about negotiations, job evaluation and merit rating	10 marks
2.	2	Group Discussion	10 marks
3	3	Powerpoint presentation	10 marks
		Total 20 (Convert out of 10)	20

Method of Evaluation:

Subject	Internal Evaluation	External Evaluation	Suggested Add on Course
Cost and Works Accounting	1. Attendance 05 Marks 2. Tutorial Test (Theory) 10Marks 3. Tutorial Test (Problems) 10Marks 4. Preparation of Journal & Viva based on journal 15 Marks Total 40 Marks	1.Theory Examination 30 Marks 2.Practical Examination 15 Marks 3.Viva based on journal 15 Marks Total 60 Marks	Industrial visits as per the requirement of the topic.

References:

Sr. No	**Title of Book**	**Author/s**	**Publication**	**Place**
1	Advanced Cost &Works Accounting	Saxena, V/ Vasishta, C	Sultan Chand & Sons	New Delhi
2	Advanced Cost Accounting J	Jain, S/ Narang, K	Kalyani Publication	New Delhi
3	Cost Accounting	Bhar, B. K.	Academic	Kolkata

	Methods & Problems			
4	Cost &Works Accounting	Kishore, R. M.	Taxman Allied Service	New Delhi
5	Principles &Practice of Cost Accounting	Accounting Bhattacharyya, A. K.	PHI	
6	Cost Accounting	Jawahar, Lal	Tata McGraw Hill	New Delhi

S. Y. B. Com (Skill Based) CBCS

Cost and Works Accounting II
Semester -IV

1. Objectives of the Course:

.1 To inculcate Theory and expose to practical world.

2. To develop skills to find out customize and creative solutions to ever increasing business Problems.

3. To motivate students to apply costing knowledge in dealing current problems.

Paper No.345 **Credits 4** **Total Marks 100**
(Theory 70, Practical 10, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)70 +10			Credits
		Theory	Practical	72	Th	P	Internal	
1	OVERHEADS 1.1 Introduction of overhead (CAS -3), Meaning, definition and Classification of overhead 1.2 Collection of Overheads 1.3 Allocation of Overheads, 1.4Apportionment of Overheads 1.5 Reapportionment of Overheads	9	9	18	10	10	40	1
2	ACCOUNTING OF OVERHEDS 2.1 Absorption of overheads 2.2 Methods of Absorption of overheads 2.3 Overhead Rate 2.4 Over and Under absorption of overheads 2.5 Accounting of Over and Under absorption of overheads	9	9	18	5	5		1
3	JOB AND BATCH COSTING 3.1 Job Costing-Meaning , Definition, Features, Scope, and Application 3.2 Preparation of Job Cost Sheet. 3.3 Accounting treatment of Job costing 3.4 Introduction of batch costing, difference between Job costing and batch costing 3.5 Application of Batch costing	9	9	18	10	10		1

4	CONTRACT COSTING 4.1 Meaning , Definition, Application and Features 4.2 Difference between Job Costing and Contract Costing 4.3 Important terms in Contract Costing 4.4 Profits on Incomplete Contracts 4.5Preparation of Contract account	9	9	18	5	5		1
	Total	36	36	72	30	30	40	4

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks 20
1.	1	Field visit report And Presentation. 1.Calculation of overhead rates. 2. Accounting of over and under absorption of overhead	10 marks
2.	2	Group Discussion	10 marks
3	3	PowerPoint presentation	10 marks
		Total 20 (Convert out of 10)	20

Method of Evaluation:

Subject	Internal Evaluation	External Evaluation	Suggested Add on Course
Cost and Works Accounting	1. Attendance 05 Marks 2. Tutorial Test (Theory) 10Marks 3. Tutorial Test (Problems) 10Marks 4. Preparation of Journal & Viva based on journal 15 Marks Total 40 Marks	1.Theory Examination 30 Marks 2.Practical Examination 15 Marks 3.Viva based on journal 15 Marks Total 60 Marks	Industrial visits as per the requirement of the topic.

References:

Sr. No	Title of Book	Author/s	Publication	Place
1	Advanced Cost &Works Accounting	Saxena, V/ Vasishta, C	Sultan Chand & Sons	New Delhi
2	Advanced Cost Accounting J	Jain, S/ Narang, K	Kalyani Publication	New Delhi
3	Cost Accounting Methods & Problems	Bhar, B. K.	Academic	Kolkata
4	Cost &Works Accounting	Kishore, R. M.	Taxman Allied Service	New Delhi
5	Principles & Practice of Cost Accounting	Accounting Bhattacharyya, A. K.	PHI	
6	Cost Accounting	Jawahar, Lal	Tata McGraw Hill	New Delhi

S. Y. B.com (Skill Based) CBCS

Entrepreneurship Development I

Semester -III

Objectives-

1. To create awareness and learn the entrepreneurial skills and motivate the learners to go for self employment .
2. To inculcate conceptual understanding in entrepreneurship management.
3. To impart the knowledge of the working of supporting agencies.

Paper No 235 **Credits 4** **Total Marks 100**

(Theory 70, Practical 10, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)70 +10+20			Credits
		Theory	Practical	72	Th	P	Internal	
1	Entrepreneurship: A conceptual framework. 1.1 Introduction, Meaning, Definition, characteristics, scope. 1.2 Theories of Entrepreneurship: a) Economic theory b) Sociological theory c) Psychological theory. 1.3 Entrepreneur, Entrepreneurship, Enterprise: meaning, concepts , skills and functions. 1.4 Innovation, Invention: Meaning, concept and characteristics. 1.5 Barriers to entrepreneurship Development: a) Social, b) Cultural c) Economical, d) Political. e) educational.	12	6	18	20	2	20	1
2	Entrepreneurship and Indian Scenario 2.1 Women Entrepreneurship. Meaning, Definition and 2 Functions. Problems of Women Entrepreneur. 2.2Self Help Group : meaning and concept. 2.3Start up and Make in India : Meaning ,Concept and objectives. 2.4 Business Incubation Centres : meaning and concept. 2.5 Case Studies of successful Entrepreneur . a) Local b) b) Regional c) c) National.	10	8	18	20	3		1

3	Promotional steps for starting Micro Small and Medium Enterprise. (MSME) 3.1 Promotional steps for starting Micro Small and Medium Enterprise. (MSME) 3.2 Market Survey and Research. 3.3 Project Report: Meaning , Concept and Importance. a) Preliminary Project Report. (PPR) b) Detailed Project Report. (DPR) 3.4 Procedure, formalities and Benefits of Registration. 3.5 Strengths, Weakness, opportunity and Challenges, (SWOC) Analysis.	9	9	18	20	2		1
4	Role and working of supporting agencies for Entrepreneurship Development. 4.1 Maharashtra Industrial Development Corporation (MIDC). 4.2 District Industry Centre(DIC). 4.3 Maharashtra centre for Entrepreneurship Development.(MCED). 4.4 Role of commercial Banks and Co-operative Bank. 4.5 Khadi & Village Industries Commission. (KVIC)	10	8	18	10	3		1
	Total	41	31	72	30	10	20	4

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks 20
1.	1	Field visit report And Presentation.	10 marks
2.	2	Group Discussion	10 marks
3	3	PowerPoint presentation	10 marks
		Total 20 (Convert out of 10)	20

S.NO	Question	Nature of Question	Marks
1	Question 1 Answer the following questions (12 objective type questions)	Objective Question (Fill in the blanks, Multi choice Questions, Answer in one sentence)	12
2	Question 2 (Answer any five questions from given seven questions)	Short answer questions (Answer in four to five lines, Write definitions, Write information and Short notes.)	10
3	Question 3 a)Answer any 1 questions from given 3 question b)answer any 1 question from given 3 question		20
4	Question 4	.	8
5	Question 5 a)Summarising or note making based on given topic	Practical question on summarising or note making –	10
	e) Long questions	Answer any two from given 4 question	10
		Total	70

References:

Sr. No	**Title of Book**	**Author/s**	**Publication**	**Place**
1	Desai V	Entrepreneurship Management	Himalaya Publishing House	New Delhi
2	Basu P.K	Public Enterprises;Policy,Performance and Professinalization	Allied Publishers Pvt.Ltd.	New Delhi

3	Gupta M.	Theory of Entrepreneurship	Jaipur Raj Publishing House,	-
4	Dr.Achut.P.Pednekar	Entrepreneurship	Himalaya Publishing House	Mumbai
5	S.AnilKumar ,S.C.Poornima', Mini.K.Abraham, K.Jayashree	Entrepreneurship Development	New Age International (P) Ltd.Publisher	New Delhi 6
6	Dr. SharadJawdekar , Prof. ShobhaDadlani, NarendraPrakashan.	Business Entrepreneurship Environment and Organizational Behaviour	-	-
7.	Gupta , Shrinivasan	Entrepreneurship Development	S. Chand & Sons.	-

S. Y. B.com (Skill Based) CBCS
Entrepreneurship Development II
(Choice Based Credit System)
Semester -IV

Objectives-

1. To create awareness among the students about the entrepreneurial career as an option.
2. To expose the students to the applicability of technical skills and challenges in the field of self employment.
3. To encourage the learners by studying the success story and develop problem solving skills .

Paper No 245 **Credits 4** **Total Marks 100**
(Theory 70, Practical 10, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)70 +10+20			Credits
		Theory	Practical	72	Th	P	Internal	
1	Establishing the Business Venture. 1.1 Physical Resources : Infrastructure and Machinery. 1.2 Financial Resources : Fixed and Working Capital. 1.3 Human Resource Management : Right people for the Right Job. 1.4 Technology management. 1.5 Project Implementation.	12	6	18	20	3	20	1
2	Managing the Purchase and Stores Function . 2.1 Meaning and concept of Purchase Procedure, Steps in Purchase Procedure. 2.2 Meaning of Vendor, Criteria for Vendor rating. 2.3 Stores : Meaning and Scope. 2.4 Management of Stock, Raw material inventory, Stock in process inventory, Finished Goods inventory. 2.5 Techniques of Stores Management : a) LIFO and FIFO. b) ABC Analysis. c) PAERTO Analysis.	12	6	18	20	2		1

3	Accounting and Taxation for Micro Small and Medium Enterprise (MSME) 3.1 Book of Accounts : Meaning and Concept. 3.2 Cashbook, Journal and Ledger. 3.3 Trading Account , profit & Loss Account and Balance sheet. 3.4 Goods and Services Tax (GST) : Meaning and Concept. 3.5 Procedure for registration of Goods and Service Tax.(GST)	9	9	18	15	3		1
4	Book Review 4.1 Business Maharajas : by Gita Parimal 4.2 It happens only in India : Kishore Biyani. 4.3 Who moved my cheese : by Spencer Johnson 4.4 Connect the Dots. : by Rashmi Bansal 4.5 Study of YouTube links	10	8	18	15	2		1
	Total	43	29	72	70	10	20	4

Pattern of Practical Examination

S.N	Question	Nature of Question	CONVERT IT IN
1.	1	Field visit report And Presentation.	10 marks
2.	2	Group Discussion	10 marks
3	3	PowerPoint presentation	10 marks
		Total 30 (Convert out of 10)	30

Pattern of Question Paper

S.NO	Question	Nature of Question	Marks
1	Question 1 Answer the following questions (12 objective type questions)	Objective Question (Fill in the blanks, Multi choice Questions, Answer in one sentence)	12
2	Question 2 (Answer any five questions from given seven questions)	Short answer questions (Answer in four to five lines, Write definitions, Write information and Short notes.)	10
3	Question 3 a)Answer any 1 questions from given 3 question b)answer any 1 question from given 3 question		20
4	Question 4	.	8
5	Question 5 a)Summarising or note making based on given topic	Practical question on summarising or note making –	10
	a) Long questions	Answer any two from given 4 question	10
		Total	70

References:

Sr. No	**Title of Book**	**Author/s**	**Publication**	**Place**
1	Desai V	Entrepreneurship Management	Himalaya Publishing House	New Delhi
2	Basu P.K	Public Enterprises;Policy,Performance and Professinalization	Allied Publishers Pvt.Ltd.	New Delhi
3	Gupta M.	Theory of Entrepreneurship	Jaipur Raj Publishing House,	-
4	Dr.Achut.P.Pednekar	Entrepreneurship	Himalaya Publishing House	Mumbai

5	S.AnilKumar ,S.C.Poornima', Mini.K.Abraham, K.Jayashree	Entrepreneurship Development	New Age International (P) Ltd.Publisher	New Delhi 6
6	Dr. SharadJawdekar , Prof. ShobhaDadlani, NarendraPrakashan.	Business Entrepreneurship Environment and Organizational Behaviour	-	-
7.	Gupta , Shrinivasan	Entrepreneurship Development	S. Chand & Sons.	-

S.Y.B.COM. (Skill based) CBCS
Skill Enhancement Compulsory Course
Computer Fundamentals
Semester – III

Objectives:

1. To get introduce with the Database concepts
2. To understand the concept of Information Systems.
3. To enable the students to develop small, real life business applications.
4. To get acquainted with software and hardware concepts and real life applications used in business

Total Marks 100

Paper No. 236 **(Theory 30, Practical 50, Internal 20)**

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th - Theory, Pra Practical, In- Internal)			Credits
		Th	Pra /Visit	72	Th (30)	Pra (50)	In (20)	4
1	**1.1Computer Network** Introduction to Computer Network, Computer, Use of ComputerNetwork. LAN, WAN, MAN, WLAN, PAN,CAN. **1.2 Network Topologies:** Introduction - Star, Ring,Bus, Mesh. **1.3 Network Components:** Introduction: Hub,Switch, Bridge,Gateway, Router,MODEM,Wireless Network. **1.4** Internet Technology **1.5** Basic of Internet Technology **1.6** Types of Internet Connection : Dial up, Broadband, Wi-Fi, Wi-max, 2 G, 3G, 4G, Social Networking	9	18	27	10	10		1.5
2	**2.1**Introduction to HTML **2.2** Formatting Text, adding Images **2.3** Web page design :- Page size, page type, page margin, Animation Effect, Sound Effect, Visual Effect's **2.4** Introduction of Network configuration **2.5** Server and Network	9	9	18	8	15		1
3	**Application of Information Technology** **3.1** Introduction to Computer (No. of system) **3.2**Types of computer **3.3** Computer organization (Processor & Memory) **3.4** Introduction of Input Output devices	9	18	27	12	25		1.5

	3.5 Concept of Program, Software database **3.6 Application** Paint, word pad, Notepad, Calculator, Snipping tool, **3.7 Application software** Word, Excel, Power point, Outlook							
	Total	**32**	**40**	**72**	**30**	**50**	**20**	**4**

Pattern of Question Paper:

S. No.	Name of Question	Marks
1	Fill in the blanks (Answer any 7 question from given 5 question)	5
2	Multi choice questions (all question compulsory)	5
3	Write short note (Answer any 5 question from given 3 question)	6
4	Write a diagram and proper name (Answer any 3 question from given 1 question)	4
5	Answer in one sentence (Answer any 7 question from given 4 question)	4
6	Short answer question (Advantage – Disadvantage, Types) (Answer any 5 question from given 3 question)	6
	Total :	**30**

Pattern of Practical Examination

S. No.	Question	Nature of Question	Mark
1	Q. 1	Identify computer hardware and software (in the lab)	10
2	Q. 2	Identify various operating system file management commands (create, copy, move, delete and rename folders and files)	05
3	Q. 3	Illustrate the booting procedure (using windows and linux)	05
4	Q. 4	Change a Mouse pointer	05
5	Q. 6	How to create wallpaper on screen, create a screen saver, Create Themes and sound effect,	05
6	Q. 7	Resume	05
7	Q. 8	Write programs for a simple total/average mark calculation and calculation of grade based on boundary conditions.	05
8	Q. 9	Calculation of Total mark, grade based on boundary conditions for n number of students using Spread sheet.	05
9	Q.10	Download educational Video information by using Internet	05
10	Q.11	Presentation PPT	05
Total			**50**

External Mark :

S. No.	Question	Nature of Question	Mark
1	Visit Report / Project	10	10
2	Gernal	10	10
	Total		**20**

References:

S. No.	Title of Book	Author's	Publication	Place
1	Computer Information Technology	Hemant Dev Gauri Kapure	K'Sagars Publication	Pune
2.	Notes for Computer Course	Phadke, Moghe, Devadikar	Samrat Prakashan	Mumbai
3.	Computer Fundamentals	Anita Goel	Printed in India Saurabh Printers Pvt. Ltd.	Delhi
4	Fundamentals of Computer Studies	Jeleel Adekunle	Expert Solutions Consults	University of Ilorin
5.	MS-CIT BOOK (Olak Mahiti Tantradnyanachi)	Timothi J. O'Liyari Linda J. O'Liyar	McGraw Hill Education	Chennai
6.	Fundamentals of Computer Science	M. Abid	Internation Publishing House	New Delhi
7.	Software Engineering	Timothi J. O'Liyari Linda J. O'Liyar	McGraw Hill Education	Chennai
8.	Word wide web Designing with HTML	C Xavier	Tata McGraw Hill Publication	
9.	HTML and CSS step by step Guide for Beginners	Daniel Bell		
10.	Fundamentals of Computer Studies	Jeleel Adekunle	Expert Solutions Consults	University of Ilorin
11.	Date base System	Hasen and Hasen	Database System	Korth

S.Y.B.COM. (Skill based) CBCS
Skill Enhancement Compulsory Course
Computer Fundamentals
Semester– IV

Objectives:
1. To get introduce with the Database concepts
2. To understand the concept of Information Systems.
3. To enable the students to develop small, real life business applications.
4. To get acquainted with software and hardware concepts and real life applications used in business

Paper No. 246 **Total Marks 100**
(Theory 30, Practical 50, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th - Theory, Pra Practical, In- Internal)			Credits
		Th	Pra/ Visit	72	Th (30)	Pra (50)	In (20)	4
1	**APPLICATION SOFT WARE** **1.1 Introduction** **1.2 User Interface (GIU)** Menu, Tool Bar, Dialog box, Ribbon **1.3** Presentation Graphics Google Slide, Corel Presentation Flayer, Flex, **1.4** Application Software Case Study: **1.5** Ms Word, editing, Formatting documents, use of mail marge **1.6 Ms Excel : Basic features of Excel Sheet,** entering text, menus, rows/ coloumns, formatting, sort, and filter, Advance features such as graphs, library functions (Arithmetic, Date and Time, Financial Logical, text and statistical) with simple problem. **1.7** Mobile App, App Store	8	10	20	10	10		1
2	**SYSTEM SOFTWARE (Windows)** **2.1 Introduction -**Operating system, Utilitize, Device Drivers, Language Translator **2.2 Categories** 1) RTOS (Real Time Operating Syste) eg. Smart watch, Smart phone, Video game 2) Stand alone computer system eg. Desktop, laptop 3) NOS (Network operating system)eg. Use of school, college, University (Network server) **2.3 Mobile Operating System –** Android, I-phone **2.4** Desk top operating system (Introduction Windows, Mac-Os, Unix, Linux) **2.6 System Unit**	10	17	27	12	20		1.5

	Introduction – Desktop, Laptop, Tablets, Smart phone, Wearbel computers **2.7 System Board -** Chips, Slots, Memory (RAM, ROM, Flash) **2.8** Expansion Slots Cards, Bus lines **2.9**Introduction of Specalized port USB, HDMI, Thandor bolt, Ithernet							
3	**INPUT OUT PUT DEVICES** **3.1** Introduction of Input devices Keyboard Entry (Traditional, Laptop keyboard, Virtual keyboard, Thumb keyboard) **3.2** Pointing Devices Optical Scanner, Card readers, Barcode readers, RFID (Radio frequency Edification) eg. Drive License, Passport Character & Mark Recognition device Introduction – MICR, OCR, OMR (eg. Check) **3.3** Image Capture Devices Digital Camera, Web cam, Audio Input Devices, Micro phone **3.4** Out Put Devices Monitor, Printer, Audio Output devices **3.5** Combination – Input Output devices Head seats, Telephone, Drone	10	17	27	8	20		1.5
	Total	**28**	**44**	**72**	**30**	**50**	**20**	**4**

Pattern of Question Paper:

S. No.	Name of Question	Marks
1	Fill in the blanks (Answer any 7 question from given 5 question)	5
2	Multi choice questions (all question compulsory)	5
3	Write short note (Answer any 5 question from given 3 question)	6
4	Write a diagram and proper name (Answer any 3 question from given 1 question)	4
5	Answer in one sentence (Answer any 7 question from given 4 question)	4
6	Short answer question (Advantage – Disadvantage, Types) (Answer any 5 question from given 3 question)	6
	Total :	**30**

Pattern of Practical Examination:

S. No.	Question	Nature of Question	Mark
1	Q. 1	State computer networks and internet.	05
2	Q. 2	Identify various computer languages	05
3	Q. 3	Differentiate the compiler and interpreters	05
4	Q. 4	Identify the internal and external hardware/peripheral components	05
5	Q. 5	Understand Computer Fundamentals – hardware and Software	05

6	Q. 6	Basic Programming Concepts	05
7	Q. 7	Demonstrate output functions and input function for a simple application	05
8	Q. 8	Study Office automation tools, Design algorithm and flowchart for control structures (decision making and iterative)	05
9	Q.9	What is Input Devices, Output devices	05
10	Q.10	Write programs for a simple total/average mark calculation and calculation of grade based on boundary conditions.	05
Total			**50**

External Mark:

S. No.	**Question**	**Nature of Question**	**Mark**
1	Visit Report / Project	10	10
2	Gernal	10	10
	Total		**20**

S. No.	**Title of Book**	**Author's**	**Publication**	**Place**
1	Computer Information Technology	Hemant Dev Gauri Kapure	K'Sagars Publication	Pune
2.	Notes for Computer Course	Phadke, Moghe, Devadikar	Samrat Prakashan	Mumbai
3.	Computer Fundamentals	Anita Goel	Printed in India Saurabh Printers Pvt. Ltd.	Delhi
4	Fundamentals of Computer Studies	Jeleel Adekunle	Expert Solutions Consults	University of Ilorin
5.	MS-CIT BOOK (Olak Mahiti Tantradnyanachi)	Timothi J. O'Liyari Linda J. O'Liyar	McGraw Hill Education	Chennai
6.	Fundamentals of Computer Science	M. Abid	Internation Publishing House	New Delhi
7.	Computer Fundamental	Pradip Sinha Preeti Sinha	B.P.B Publication	
8.	Computer Fundamental	V. Rajaram	PHI Publication	
9.	Fundamentals of Computer	Reema Thareja	Oxford University Press	New Delhi
10.	Computer Systems. Digital Design, Fundamentals of Computer Architecture and Assembly Language	Ata Elahi	Springer	Southern Connecticut State University

				New Haven, CT, USA
11.	System Analysis Design and Software Engineering	Parthasarthy B.W. Khalkar		

S.Y.B.COM. (Skill based) CBCS
Skill Enhancement Optional Course
Cutting and Sewing
Semester III

Paper No. 237 **Total Marks 100**
(Theory 30, Practical 50, Internal 20)

Practical Examination – Stitching and cutting of any one from above

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks			Credits
		Theory	Practical	72	Theory 30	Practical 50	Internal 20	
1	Revision of work done in F.Y	9	9	18	7	10		1
2	Pattern Making & Stitching of Petticoats Different Types of petticoats. Pattern Making & Stitching of Simple Pajama and Pant Cut Pajama	9	9	18	8	15		1
3	Pattern Making & Stitching of Aligarh Pajama and Chuidar Pajama, Pattern Making, Cutting , Stitching & Finishing of Sun suit and Yoke Frock	9	9	18	7	15		1
4	Check & Correct Pattern Practice of making plans for different garments	9	9	18	8	10		1
	Total	36	36	72	30	50	20	4

S.Y.B.COM. (Skill based) CBCS
Skill Enhancement Optional Course
Cutting and Sewing
Semester IV

Paper No. 247 **Total Marks 100**
(Theory 30, Practical 50, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks			Credits
		Theory	Practical	72	Theory 20	Practical 50	Internal 20	
1	Pattern Making & Stitching of Night Suit Pattern Making, Cutting & Stitching of Top	9	9	18	7	10	20	1
2	Pattern Making, Cutting & Stitching of Skirt and Kurta	9	9	18	8	15		1
3	Checking of garments in respects of – · Measurements · Stitching · Stains · Defects	9	9	18	7	10		1
4	Employability Skill . Rivision	9	9	18	8	15		1
	Total	36	36	72	30	50	20	4

Practical Examination – Stiching and cutting of any one from above

S.Y.B.COM. (Skill based) CBCS

Skill Enhancement Optional Course

Beatification

Semester III

Paper No. 237 **Total Marks 100**

(Theory 30, Practical 50, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks			Credits
		Theory	Practical	72	Theory 30	Practical 50	Internal 20	
1	Revision and Practice Of F.Y. Hair removal procedure Eyebrow threading Bleaching procedure consultation Hand massage Arm massage Leg massage Nail shape Different types of Manicure Different types of Pedicure Nail art Manicure and Pedicure	9	9	18	7	10	20	1
2	Skin analysis Different types of facials(Theory- facial)	9	9	18	8	15		1
3	Trolley setting Client consultation Scalp analysis Hair problems Equipment usage: High frequency, infrared lamp, scalp steamer Head massage Shampooing Conditioning (at the rate of 1 day a week)(Theory- Hair Science and Hair Care)	9	9	18	7	10		1
4	Trolley setting Client consultation Scalp analysis . Problems of Hair- stress related, hormonal problems, nutritional, genetic, medical, and mineral and vitamin imbalances. Different types of Hair Treatment (Theory- Scalp analysis , Treatment)	9	9	18	8	15		1
		36	36	72	30	50	20	4

S.Y.B.COM. (Skill based) CBCS

Skill Enhancement Optional Course

Beatification

Semester IV

Paper No. 247 **Total Marks 100**

(Theory 30, Practical 50, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks			Credits
		Theory	Practical	72	Theory 30	Practical 50	Internal 20	
4	Different types of hair cut .(Strait , Wavy, curly and super curly hairs) (Theory- Haircut)	6	12	18	7	10	20	1
5	Different types of hair styling .(Strait , Wavy, curly and super curly hairs) (Theory- Hair-styling)	6	12	18	8	15		1
6	Trolley setting Client consultation Scalp analysis Selection of color Allergy test procedure	6	12	18	7	10		1
7	Different types of hair coloring techniques Strand test procedure Hair straitening (Theory-Hair coloring and rebounding	6	12	18	8	15		1
		24	48	72	30	50	20	4

S.Y.B.COM. (Skill based) CBCS
Skill Enhancement Optional Course
Photography
Semester -III

Objectives:-

1. Photography is presented as a tool for individual creative expression, with emphasis on technique and the development of visual literacy.
2. To develop students ability to execute photographic images and also to express their unique individual artistic ideas.
3. To systemize exploration of techniques through demonstration and classroom experimentation.
4. To introduced Photoshop as well as the basics of digital scanning and printing.
5. To make students learn to work with analog cameras while still utilizing the digital scanning and printing process

Paper No 237 **Total Marks 100**
(Theory 30, Practical 50, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical 30+50+20			Credits
		Theory	Practical	72	Th	P	Internal	
1	**Colour Theory:** Human vision, Science of colour, Black body radiation and colour temperature, Kelvin and Mired scales, Primary, secondary and tertiary colours, Additive and subtractive colours, Colour attributes (Hue, Saturation & Brightness), Colour description (Tint, Tone, Shade & value), Colour schemes (Achromatic, Monochromatic, Complementary, Split complementary, Analogous, Diad, Triad, Tetrad), Colour Models (Adobe models)	9	18	24	10	20	20	1.5
2.	**Impact of colours:**Colours for communication, Colour symbolism, Sociology of colours, Psychology of colours, Cultural relevance of colours. Colours in art, Colours as design element	9	18	24	10	15		1.5
3.	**. Intro to Lighting:** Basics of Lights, Importance of Shadow, Types of Lights, Use of Lights, Basic Lighting, Three point Lighting Set up	9	8	24	10	15		1
	Total	27	45	72	30	50	20	4

PHOTOGRAPHY PRACTICAL Semester III

Unit No.	Topic	Marks
1	Exposing for different colour temperatures	**10**
2	Indoor shooting using three point lighting set up	10
3	High Key lighting and Low Key lighting	10
4.	Assignments	10
5.	Poster Presentation	10
	Total	50

Pattern of Question Paper

S.NO	Question	Nature of Question	Marks
1	Question 1 Answer the following questions	Objective Question (Multi choice Questions, Answer in one sentence)	06
2	Question 2 Answer the following questions	Objective Question Fill in the blanks	05
3	Question 3	Draw a Diagram	10
4.	Question No.4	Answer the following question 3 out of 5	9
		Total	30

References:- Understanding colours in photography-Schellenberg Susana Heide-Watson-Guptill Publications.

S.Y.B.COM. (Skill based) CBCS
Skill Enhancement Optional Course.
Photography
Semester - IV

Objective:-

- Photography is presented as a tool for individual creative expression, with emphasis on technique and the development of visual literacy.
- To develop students ability to execute photographic images and also to express their unique individual artistic ideas.
- To systemize exploration of techniques through demonstration and classroom experimentation.
- To introduced Photoshop as well as the basics of digital scanning and printing.
- To make students learn to work with analog cameras while still utilizing the digital scanning and printing process

Paper No. 247 **Total Marks 100**
(Theory 30, Practical 50, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)30+50+20			Credits
		Theory	Practical	72	Th	P	Internal	
1	**1. Image Editing:** Basic Image Editing With Using Photoshop	9	18	24	10	20	20	1.5
2	**1. B/W versus Color Photography:** Their limitations and advantages as independent medium.	9	9	24	10	15		1
3.	**1. Advertising Photography:** Role of a photographic image in advertising. **2. Photojournalism:** Role of a photographic image in print media. Photo news and 'News', Handling soft and hard news, special events, photojournalistic norms, privileges of a photographer.	9	18	24	10	15		1.5
	Total	27	45	72	30	50	20	4

PHOTOGRAPHY PRACTICAL Semester IV

Unit No.	Topic	Marks
2	Edit Image Using Photoshop	15
3	Shoot Photojournalism story with minimum 4 photos. Print, Paste on Card Board and Give Titles	15
4.	Assignments	10
5.	Poster Presentation	10
	Total	50

Pattern of Question Paper

S.NO	Question	Nature of Question	Marks
1	Question 1 Answer the following questions	Objective Question (Multi choice Questions, Answer in one sentence)	06
2	Question 2 Answer the following questions	Objective Question Fill in the blanks	05
3	Question 3	Draw a Diagram	10
4.	Question No.4	Answer the following question 3 out of 5	9
		Total	30

S.Y.B.COM. (Skill based)CBCS

Skill Enhancement Optional Course

Hand Embroidery

Semester III

Paper No. 237 **Total Marks 100**
(Theory 20, Practical 60, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)30+50 +20			Credits
		Theory	Practical	72	Th	P	Internal	
1	**Revision of Stitches in F.Y Different types of Indian Embroideries** 1.1Describe different Indian embroidery stitches. 1.2 Explain usage of material and its explorations from historical and recent perspective 1.3Kashmiri stich 1.4 Kashida (all types) (Prepare samples of above Indian embroidery on 10”/10” fabric. The size of the design should be 5”/ 5”. Also prepare a report indicating fabric used, type and size of needle, type of thread and amount of all the material consumed	9	18	27	10	15	20	1.5
2	**Different types of Indian Embroideries** 1.5 Chamba Rumals of Himachal 1.6 appliqué of Bihar /Patch work ¯Ö0ì“Ö ¾Ö Ôú (Prepare samples of above Indian embroidery on 10”/10” fabric. The size of the design should be 5”/ 5”. Also prepare a report indicating fabric used, type and size of needle, type of thread and amount of all the material consumed	9	9	18	10	15		1
3	**Different types of Indian Embroideries**	9	18	27	10	20		1.5

	2.1 Bengal Kantha 2.2 Chikankari of Luchnow (Uttar Pradesh) (Prepare samples of above Indian embroidery on 10”/10” fabric. The size of the design should be 5”/ 5”. Also prepare a report indicating fabric used, type and size of needle, type of thread and amount of all the material Product Development Depending on above stitches							
	Total	27	45	72	30	50	20	4

S.Y.B.COM. (Skill based)
CBCS

Skill Enhancement Optional
Course Machine and Hand
Embroidery
Semester IV

Paper No. 247 **Total Marks 100**
(Theory 30, Practical 50, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)30+50 +20			Credits
		Theory	Practical	72	Th	P	Internal	
1	Kutch and Kathiawar embroidery of Gujarat (Mirror Work †Ö¸üÃÖê úÖ´Ö) Gold and silver embroidery (zardosi) **(Prepare samples of above Indian embroidery on 10”/10” fabric. The size of the design should be 5”/ 5”. Also prepare a report indicating fabric used, type and size of needle, type of thread and amount of all the material consumed**	9	18	27	10	15	20	1.5
2	Types of lines Position of forms- Straight, curved, dotted, zig zag, etc. Vertical, horizontal, diagonal & oblique. Types of forms-- Geometrical, natural, decorative & free hand. Sketching & Monogram--Free hand-Natural (Flowers, Leaves etc.) Garments – Ladies, Gents, Children Stitches, hems, etc. Lettering & Monogram-Use of stencils (English & Devnagiri) Sizes : 1.5 cm & 2.5 cm Monogram with help of stencils- Enlargement & Reduction-Grid	9	9	18	10	15		1
3	**Product Development** Design a Product incorporating Traditional Embroidery Designing of Product with	9	18	27	10	20		1.5

	Application of Any above Traditional Embroidery (Design any **Three products** with Traditional Embroidery from tablecloth, bag, cushion cover, set of hankys, Dupatta , Two meter Border, batawa, Yock)							
	Total	27	45	72	20	50	20	4

S.Y.B.COM. (Skill based) CBCS

Skill Enhancement Optional Course

Repairing and Maintenance of Electronic Appliances (Domestic)

Semester III

Paper No. 237 **Total Marks 100**

(Theory 30, Practical 50, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks			Credits
		Theory	Practical	72	Theory 30	Practical 50	Internal 20	4
	Microwave oven Identify the internal and external parts of micro wave oven. Identify the different touch pad controls their functions Testing of high voltage diode. Identify the HV capacitor and discharge it. Rectify the fault leading to fuse blows off when cooking is initiated. Rectify the fault leading to not responding of touch switches. (front panel) Rectify the fault leading to dead set. Rectify the fault leading to long cooking time. Precautions – importance of interlocking switch in performing maintenance (**Theory:** Microwave oven: Different types of oven, study the various functions of Oven, Electrical wiring diagram of microwave oven, working of Power supply)	**9**	**9**	**18**	**15**	**10**	**20**	**1**
	Steam Iron Dismantle and identification of various parts, wiring, tracing of various controls, Electronic circuits in steam Iron Identify the faults in steam iron & rectify **(Theory:** Principle of electric iron, parts of steam iron, thermostat heat controls)	**9**	**18**	**27**	**10**	**15**		**1.5**
	Electric Rice cooker Identify various components of Electric rice cooker, controls and trace the circuit and rectify the simulated faults(Theory: Principle of working of rice cooker. Various parts & functions of rice cooker, temperature control and timer unit.)	**9**	**18**	**27**	**5**	**25**		**1.5**
		36	**45**	**72**	**30**	**50**	**20**	**4**

S.Y.B.COM. (Skill based)CBCS

Skill Enhancement Optional Course

Repairing and Maintenance of Electronic Appliances

Semester IV

Paper No. 247 **Total Marks 100**

(Theory 30, Practical 50, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks			Credits
		Theory	Practical	72	Theory 30	Practical 50	Internal 20	4
1	**UPS/Inverter** Installation of UPS and Inverters. Maintenance of batteries Dismantle the UPS and identify the major parts,Testing of major components,Testing of power modules,Charging, discharging and testing of batteries. **(Theory**:Various types of batteries used in UPS and Inverters and their maintenance. Different types of inverter, UPS, Working principle, specifications, explanation with the help of block diagram)	**9**	**9**	**18**	**15**	**10**	**20**	**1**
2	**SMPS -** Dismantle the given SMPS and find major sections/ ICs components. Measure voltages at vital points Identify various input and output sockets / connectors of the given SMPS. Repairing of SMPS, simulating various faults diagnosing and rectifying it. **(Theory:** Block Diagram of Switch mode power supplies and their working principles)	**9**	**18**	**27**	**10**	**15**		**1.5**
3	**Washing machine** Installation of front load washing machine Installation of top load washing machine Identify the internal and external parts of semi-auto washing machine Identify the internal and external parts of fully automatic washing machine Operate semi–automatic washing machine Operate fully–automatic washing machine Rectify the fault leading to not working of control panel switches.	**9**	**18**	**27**	**5**	**25**		**1.5**

	Rectify the fault leading to not working of pulsator / agitator. Rectify the fault leading to spin drier not working. Rectify the fault leading to one side rotation of motor. Rectify the fault leading to water inlet and outlet valves. (**Theory:** Washing M/c: different types of machines, washing techniques, parts of manual, semi automatic and fully automatic machines, basic working principle of manual, semi automatic and fully automatic machines, study the working of motors, different types of timers, power supply circuits)							
		36	**45**	**72**	**30**	**50**	**20**	**4**

SavitribaiPhule Pune University
TY BBA Semester V (CBCS) Pattern 2019
Research Methodology
Course code GC 501
Credit 3

Depth of the course- Reasonable working knowledge

Course Objectives:

1. To develop an understanding of the right approach of Research Methodology and its role in Business.
2. To develop an understanding of the basic framework of the identification of various sources of information for data collection.
3. To develop an understanding of various Designs, Tools and Techniques of Research Study.
4. To enable the students in conducting Research work and write Research Paper and Research Project Report.

Unit No.	Unit Title	Contents	Purpose & Skills to be developed
1	**Introduction to Research Methodology and Research Problem**	1.1 **Introduction to Research-** 1.2 Objectives of Research, 1.3 Motivations in Research, 1.4 Types of Research, 1.5 Research Approaches, 1.6 Significance of Research, 1.7 Research Process, 1.8 Criteria of Good Research, 1.9 Challenges before Researchers in India. 1.10 Meaning of Research Methodology. 1.11 Concept of Research Problem, 1.12 Selecting the Research Problem,	• To encourage students and educators to reflect upon the research process to enable them to position themselves in the bigger picture. • To understand the basic concept of Research and its Methodology. • To make students understand objectives, types, significance, the process of Research. • To make students aware of the concept of Research Problem and technique involved in defining Research Problem. • To know -how to formulate Research Hypothesis and its importance.

		1.13 Techniques involved in defining Research Problem, 1.14 Formulation of Research Hypothesis and its importance	
2	**Research Design and Research Sampling**	2.1 **Research Design** 2.2 Meaning of Research Design, 2.3 Need for Research Design, 2.4 Features of a Good Design, 2.5 Types of Research Design 2.6 Concept of Research Sampling, 2.7 Steps in Sampling Design, 2.8 Types of Sampling, 2.9 Determination of Sampling Size	• To make students understand the meaning, need, types of Research Design. • To inculcate knowledge of the concept of Research Sampling. • To understand the process of sampling design and types of sampling.
3	**Methods of Data Collection and Processing and Analysis of Data**	3.1**Collection of Primary Data-** 3.2Meaning and definition of Primary Data, 3.3Advantages and Limitations of Primary Data, 3.4Methods of Collecting Primary Data: 3.4.1 Observation Method, 3.4.2 Interview Method, 3.4.3 Questionnaire Method, 3.4.4 Scheduling/ Schedule Method 3.4.5 Other Methods 3.5**Collection of Secondary Data-** 3.5.1 Meaning and definition of Secondary Data, 3.5.2 Advantages and Limitations of Secondary Data, 3.5.3 Sources of collecting Secondary Data 3.6**Data Processing –** 3.6.1 Editing,	• To make students understand the meaning and definition of Primary Data and Secondary Data along with its advantages and limitations. • To provide sound knowledge about methods of collection of Primary Data and sources of collecting Secondary Data. • To find out the factors contributing to Job Satisfaction and use them in the actual functioning of the Organisation. • To provide an understanding of Data Processing and Data Analysis. • To make students aware of Hypothesis Testing.

		3.6.2 Codification, 3.6.3 Classification, 3.6.4 Tabulation, 3.6.5 Scaling & Measurement 3.7**Data Analysis-** 3.7.1 Meaning of Data Analysis, 3.7.2 Need of Data Analysis, 3.7.3 Methods of Data Analysis 3.8**Testing of Hypothesis-** 3.8.1 Concepts in Testing of Hypothesis 3.8.2 Steps in the testing of hypothesis, 3.8.3 Chi-square Analysis, 3.8.4 Analysis of Variance	
4	**Interpretation and Report Writing**	**4.1 Interpretation-** 4.1.1 Meaning of Interpretation, 4.1.2 Need of Interpretation, 4.1.3 Techniques of Interpretation, 4.1.4 Precaution in Interpretation **4.2 Report Writing** – 4.2.1 Significance of Report Writing, 4.2.2 Steps in Writing Report, 4.2.3 The layout of the Research Report **4.3 Research Paper Writing–** 4.3.1 Meaning of Research Paper, 4.3.2 Structure of Research paper, 4.3.3 Referencing Styles 4.3.4 Ethics in Report Writing and Research Paper Writing	• To make students aware of the meaning, need and different types of techniques of Interpretation. • To make understand students about steps in Report Writing and layout of the Research Report. • To immerse students in actual research (authentic learning) and motivate them to write Research Paper by providing the knowledge about meaning, structure and ethics in Research Paper writing.

Teaching Methodology

Teaching Hours Theory + Tutorials /Project Practical –as applicable	Innovative methods to be used	Expected Outcome
Unit 1 - 12 hours	Ice-breaker activities, Traditional classroom lectures Subject overview and preliminary presentation Class discussion.	Great gains in content knowledge, skill acquisition, and overall confidence and comfort for major concepts in the understanding concept of research. Formulate and evaluate research questions.
Unit 2 – 12 hours	Traditional classroom lectures Individual exercise, Large-group discussion, Small-group exercise,	The shift towards student-centeredness significantly enhanced students' learning through the use of interactive small group activities and a high level of discussion and interaction. Knowledge acquisition about Research Design and Sampling Design.
Unit 3 – 12 hours	Traditional classroom lectures, Group participation informative evaluation of the topic and sub-topics, Group reflection on the data collection, Computer lab work on data processing and data analysis	Gain experience with instrument development and data collection methods. Practical understanding of data processing and Data Analysis.
Unit 4 – 12 hours	Traditional classroom lectures, Guest lecturer on Research Paper writing, Small-group scenario exercise on project report, Small-group critical reading exercise and class discussion on Ethics in Report Writing and Research Paper Writing.	Understanding about Changing Environment of HRM and its effects. A better understanding of Report and Research Paper writing

Evaluation

Unit Number	Internal Evaluation	External Evaluation
Unit – I	Student's Active participation in Ice-Breaking Session	**25% MCQ** **35% short notes** **40% long answers**
Unit – II	Individual exercise, Large-group discussion, Small-group exercise	
Unit – III	Lab-Work/ Activity	
Unit – IV	Research Paper submission and presentation	
Total – 30 Marks		**70 Marks**

Suggested references

Sr. No.	Title of the Book	Author/s	Publication
1	Business Research Methods	Donald Cooper & Pamela Schindler	TMGH
2	Business Research Methods	Alan Bryman & Emma Bell	Oxford University Press
3	Research Methodology: Methods and Techniques	K. C.Kothari	New Age International Publication
4	Business Research Methodology .–	J. K. Sachdeva	Himalaya Publication)
5	Research Methodology	Dr. Prasant Sarangi	Taxmann's
6	Business Research Methodology	D. K. Sharma & A. K. Gupta	Delhi
7	Research methodology in Management	Arya P.P.and Pal, Yesh	Deep and Deep Publication, Delhi.

SavitribaiPhule Pune University
Question paper Pattern 2019 for TY BBA
University Examination Sub: Research Methodology
Course code 501

Q.No.	Compulsory / Choice	Nature of Question	Marks	Total Marks
1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	5	20 Marks
		Match the Pairs	5	
		Answer in one sentence	5	
		Fill in the blanks	5	
2	Solve any 3 out of 5	Long Answer Question	3*10 Marks	30 Marks
3	Solve any 4 out of 6	Short Notes	4*5 Marks	20 Marks
	Total			70 Marks

SavitribaiPhule Pune University
TY BBA Semester V(CBCS) Pattern 2019
Database Administration and Data Mining
Course Code- GC502
Credit – 3

Depth of the Course- Reasonable working knowledge

Course Objectives:

1. To understand the Database Management System
2. To understand the Data Mining Concepts
3. To understand the current trends in Data Management

Unit No.	Unit Title	Contents	Purpose & Skills to be developed
1	**Introduction to Database Management System**	1.1 Introduction, 1.2 Objectives, 1.3 DBMS concepts, 1.4 Purpose of Database System, 1.5 Advantages and Disadvantages of Database System	• To understand the concepts of a database management system. • To understand the scope of DBMS and its limitations.
2	**Database Administration**	2.1 Introduction 2.2 Purpose of Database administration, 2.3 Concept of Database Administration, 2.4 Transaction management, Properties of Transaction (ACID Properties)	• To understand the concept of transactions. • To understand the working of DBMS.

3	**Data Warehousing**	3.1 Introduction, 3.2 Purpose, 3.3 Data Warehousing concepts, 3.4 Need of Data Warehousing, 3.5 Applications, Advantages, Limitations	• To understand the concept of Data Warehousing. • To understand the relevance of Data Warehousing in businesses.
4	**Data Analytics and Data Mining**	4.1 Introduction, 4.1.1 Purpose, 4.1.2Data Analytics Scope, and it's Business Relevance. 4.1.3 Types of Data Analytics. Data Mining concepts 4.1.4 Need of Data Mining, Applications, Advantages, 4.1.5 Limitations 4.1.6 Cloud Computing Introduction, Purpose, Cloud 4.1.7 Computing concepts, Need of Cloud Computing, 4.1.8 Applications, Advantages, Limitations	• To understand the concept of Data Analytics and Mining. • To understand the relevance of Data Analytics and Mining in businesses. • To understand the concept of Cloud Computing. • To understand the relevance of Cloud Computing in businesses.

Teaching Methodology

Teaching Hours Theory	Innovative methods to be used	Expected Outcome
Unit 1- 12 hours	Students' Presentations, Video Sessions Group Discussions	Understanding of the DBMS concepts.
Unit 2- 12 hours	Students' Presentations, Video Sessions Group Discussions	Understanding of the working of the transaction management in the DBMS.
Unit 3- 12 hours	Students' Presentations, Video Sessions Case Studies	Understanding Data Warehousing and its scope and limitations.

Unit 4 - 12 hours	Students' Presentations, Video Sessions Case Studies	Understanding Data Analytics and Mining and its scope and limitations.

Evaluation

Subject	**Internal Evaluation**	**External Evaluation**
Unit – I	MCQ Test, Open Book Test Group Presentations on DBMS Concepts	**25% MCQs** **35% Short Notes** **45% Long Answers**
Unit – II	MCQ Test, Open Book Test Group Presentations on Transaction Management	
Unit – III	MCQ Test, Chart preparation Group Presentations on Data Warehousing	
Unit – IV	MCQ Test, Group Presentations on Data Mining, Cloud Computing	

Suggested references

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Database System Concepts	Abraham Silberschatz, Henry F. Korth, S. Sudarshan	McGraw Hill Education; Sixth edition	India
2	Fundamentals of Database System	ElmasriRamez, NavatheShamkant	Pearson Education; Seventh edition	India
3	Data Mining and Data Warehousing: Principles and Practical Techniques	Parteek Bhatia	Cambridge University Press	India
4	Introduction to Data Mining	Pang-Ning Tan, Michael Steinbach, Vipin Kumar	Pearson Education; First edition	India
5	Cloud Computing	Sandeep Bhowmik	Cambridge University Press; First edition	India

SavitribaiPhule Pune University
Question paper Pattern 2019 for TY BBA
University Examination Sub: Database Administration and Data Mining
Course Code - 502

Q. No.	Compulsory / Choice	Nature of Question	Marks	Total Marks
1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	5	20 Marks
		Match the Pairs	5	
		Answer in one sentence	5	
		Fill in the blanks	5	
2	Solve any 3 out of 5	Long Answer Question	3*10 Marks	30 Marks
3	Solve any 4 out of 6	Short Notes	4*5 Marks	20 Marks
	Total			70 Marks

Savitribai Phule Pune University
TY BBA Semester V (CBCS) Pattern 2019
Subject: Business Ethics
Course Code – GC 503
Credits – 3

Depth: Reasonable Working Knowledge

Course Objectives:
1. To provide a comprehensive understanding of the concepts of Business Ethics
2. To develop theoretical tools to understand current ethical issues and their impacts on business.
3. To analyze the role of Ethics in business, Government and Society.
4. To analyze the Ethical scenario concerning to Environment and consumer protection.

Unit No	Unit Title	Contents	Purpose and Skills to be Developed
1	**Introduction to Business Ethics**	1.1 Meaning, Nature and Scope of Business Ethics 1.2 Ethics in Contemporary Business 1.3 Organizational Ethical Climate – Ethical Decision Making and Importance of Framing Ethical Policies 1.4Why Ethical Problems occur in Business 1.5 Difference between workplace Ethics and Laws 1.6 Ethical Code of Conduct in Global Business 1.7 Government protection policies against illegal business practices. 1.8 Influence of Interest Groups on the Government	• Understand the Role and Scope of Business Ethics. • Role of Ethics and its importance at National and International Level in business as well as individual level.
2	**Corporation and Stakeholder Ethics**	2.1 Impact of Business Decisions on Stakeholders 2.2 Leadership Ethics at the organizational level – Training Ethics, imbibing organizational values and cultures, Awareness of rule and	• Understand the concepts and role of Business and Stakeholder ethics.

		regulations of an organization, Upskilling and Ethical knowledge of employees. 2.3 Organization of Modern corporation and Interaction with stakeholders 2.4 Whistleblower Act and Employee Rights: Privacy and Safety 2.5 Collective Bargaining and Role of Management in implementing Ethics. 2.6 Ethics in Compliance Management – Fraud, Corruption, Sanction Violations, Conflict of Interests, Human Rights Violation. 2.7 Health and Safety Issues in Organizations – Workplace Safety, Measures to avoid accidents, Maintenance of Psychological well-being of employees.	• Modern Organization role and responsibility towards stakeholders. • Understanding the concept of business, government, and societal ethics.
3	**Corporate Social Responsibility and Marketing Ethics**	3.1 Role and Responsibility of Organizations towards government and society. 3.2 CSR Performance – Meaning and Responsibility. 3.3 CSR – Strategy in building community relationships. 3.4 Corporate Citizenship and – Concept and Stages 3.5 Ethical behaviour in Advertising Practices and Advertising ethics. 3.6 Ethical and Unethical Target Marketing in Business 3.7 Advertising abuses and Regulation 3.8 Media Industry – Role, Impact and Ethical Practices	• Understand the role of CSR in traditional and Modern Business. • Identify the efficiency relevancy of CSR in today's world • Understand Marketing ethics and its importance.
4	**Environmental and Consumer Ethical Issues**	4.1 Environmental Ethics and Human values – Meaning and Impact on Environmental problems 4.2 Environmental legislation – Laws and Regulation with Indian Context and Stages of becoming an ecologically sustainable organization. 4.3 Sustainable Development – Definition, Obstacles and Impact, Business operations – A threat to earth's ecosystem. 4.4 Difference between Customer and Consumerism 4.5 Government regulation agencies for Consumer protection and Protecting consumer privacy online.	• Understand the role of Environmental rules and regulations in protecting the environment. • Initiatives are taken towards building sustainable role models. • Understanding the need for ethics and laws in consumer protection.

Teaching Methodology

Teaching Hours	Innovative Methods to be used/ AV Applications	Project	Expected Outcome
12	Films/Videos of Business Ethics practices adopted by different companies. Videos on corporates explaining the Business ethics scenario. Case studies on Interest Groups policies and their impact. Case studies/Videos on the importance of government protection policies.	Listing out various business ethics and practices adopted by major corporates. List out one company's ethical policy which has benefitted the economy and society at large. Evaluate India's Interest Groups and their impacts. Analyze the government protection policies in India.	To understand the basics of Business Ethics and its role. To understand the Government and societal concepts of ethical behaviour.
12	Films/Videos on corporates and stakeholder ethics and its importance. Case Studies on various International business ethics theories and their impact. Case Studies on government and societal policies impacting ethical behaviour.	List out anyone International case concerning ethical behaviour. List out the corporate and stakeholder ethics theories holding more practical relevance for Indian society. List out the Government and societal ethics concept.	To understand the various corporate and stakeholder ethics policies and their use. To understand workplace ethics and its importance. To understand the importance of Legal acts framed by the government.

12	Case studies and discussions on CSR activities adopted by organizations Case studies and discussions on CSR approach and evolving the concept. Case Studies/ Quiz/ Discussion on Ethical advertising adopted by organizations. Case Study/Debate on ethical and unethical marketing practices. Films/videos/Case study/ Discussion on the media and its role played in forming an ethical environment	List out the CSR activities adopted by companies. Identify the concept of CSR in modern business and Corporate citizenship in today's world. Identify the Ethical and unethical advertising practices adopted by corporations. List out the role played by media, especially Indian media in forming an ethical environment.	To understand various CSR activities adopted and implementation and their role. Understand the CSR and Corporate Citizenship concept. To understand the role and contribution of Media in business and society. Understand the concept of Ethical advertising.
12	Case study on policies and law adopted to protect the environment. Case study/ Discussion on consumer protection policies and their role.	To list out the policies and procedures adopted by leading countries to protect the environment. To identify various protection policies on consumer protection and its impact on society.	To understand the role of government in framing the environmental protection policies. To understand the importance of the consumer protection act and its role.

Evaluation

Subject	Internal Evaluation	External Evaluation
Unit – I	MCQ Test, Open Book Test, Group Presentations on Business Ethics Concepts and its Role.	**25% MCQs** **35% Short Notes** **45% Long Answers**
Unit – II	MCQ Test, Group Presentations on Corporation and Stakeholders Ethical Issues, Assignments on Ethical Frameworks and Policies.	
Unit – III	MCQ Test, Assignments on Marketing Ethics, Individual/Group Presentations on CSR activities.	
Unit – IV	MCQ Test, Assignments on various conferences/summits on Environmental Protection Policies. Individual / Group Presentations on Environmental issues	

Suggested References:

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Business Ethics	Shailendra Kumar and Alok Kumar Rai	Cengage Learning India Pvt Ltd	India
2	Business Ethics: An Indian Perspective	A C Fernando, K P Muralidheeran, E.K Satheesh	Pearson Education	India
3	Business Ethics and Values	Dr. NeeruVasishth, Dr, Namita Rajput	Taxmann	India
4	Business Ethics: Foundation for CSR	P.Kamatchi	Dreamtech Press	India
5	Business Ethics: Principles and Practices	Daniel-Albuquerque	Oxford University Press	India
6	Business Ethics	Gautam Pherwani	Everest Publishing House	India
7	Business Ethics	C. S.V. Murthy,	Himalaya Publishing House	India
8	Understanding Business Ethics	Peter Stanwick, Sarah Stanwick,	Pearson Publishing	India
9	Business Ethics	Manuel G Velasquez,	Prentice-Hall India Learning Private Limited; 6 edition (2006)	India
10	Business Ethics	O.C. Ferrell, John Paul Fraedrich, Linda Ferrell,	Cengage Learning, 2013	India

SavitribaiPhule Pune University
Question paper Pattern 2019 for TY BBA (IB)
University Examination Sub: Business Ethics
Course Code - 503

Q. No.	Compulsory / Choice	Nature of Question	Marks	Total Marks
1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	5	20 Marks
		Match the Pairs	5	
		Answer in one sentence	5	
		Fill in the blanks	5	
2	Solve any 3 out of 5	Long Answer Question	3*10 Marks	30 Marks
3	Solve any 4 out of 6	Short Notes	4*5 Marks	20 Marks
	Total			70 Marks

Savitribai Phule Pune University
TY BBA Semester V (CBCS) Pattern 2019
Course Title: Management of Corporate Social Responsibility
Course Code–GC 504
Credit – 3

Depth of the Course: Reasonable Understanding of Concept of CSR and Sustainability

Course Objectives:

1. To understand the concept and process of CSR
2. To Understand the industrial contribution for CSR Policy
3. To Understand the context of CSR of present-day Management
4. To Understand the contribution of CSR for the development of Society

Unit No.	Unit Title	Contents	Purpose and Skills to be Developed
1	**Introduction to CSR**	1.1 Meaning and Definition 1.2 Sustainability and Stakeholders Management, 1.3 Concept of Charity 1.4 Corporate Philanthropy 1.5Relation between CSR and Corporate Governance 1.6 Evolution of CSR in India 1.7 Models of CSR in India 1.8 Carroll's Model 1.9 Initiatives in India	**Purpose** -Understanding of the concept and evolution of CSR To know about the various models of CSR Importance of CSR activities **Skills to be developed** -Applicability of concept and its importance -Understanding the functionality of Charity
2	**Modules of Corporate Social Responsibility**	2.1 Models of CSR- Trusteeship, Stakeholders, 2.2 Ethical Model, Statist Model, Liberal Model 2.3 International Framework of CSR 2.4 Sustainable Development Goals	**Purpose –** Various stakeholders roles and responsibilities in CSR activities Applicability of Models -Understanding of Goals that impacts the Industry **Skills to be developed** -Understanding of various models and how to apply them.
3	**CSR-Legislation in India and the World**	3.1 Section 135 of Companies Act, 3.2 Scope of CSR Activities under Schedule VII,	**Purpose** Knowing the legal aspect of CSR

		3.3 Appointment of Independent Directors on Board 3.4 Computation of Net Profit's implementation in India	-Statutory Authorities taking decisions -Net Profit contribution for CSR Funds **Skills to be developed** Knowing the legal aspect for implementing CSR -Decision-making ability
4	**Identifying key stakeholders and their Roles and recent trends and opportunities in CSR**	4.1 Role of Public Sector in Corporate, Government programmes that encourage voluntary responsible action of corporate 4.2 Role of Non-profit &Local Self-Governance in implementing CSR 4.3 CSR as. Strategic Tool for Sustainability and Challenges 4.4 Case Studies CSR initiatives	**Purpose** -Voluntary contribution by various corporates -Government Rules and Regulations regarding CSR in India - Learning through Case Studies of functionality and impact on the Corporate and Society **Skills to be developed** -Problem Solving Approach -Behavioural Skills

Teaching Methodology

Teaching Hours Theory + Tutorials /Project Practical	**Innovative Methods to be used**	**Expected Outcomes**
Unit 1- 12 hours	Use of PPT for better understanding of the concept	Understanding the concept of CSR and its history
Unit 2- 12 hours	Role Plays, Interactive Sessions with Feedbacks and PPT, expert's lecture on the legality	Need and application of CSR with help of various models
Unit 3- 12 hours	Group Discussions, Theory-based lectures	It will enable the students to understand the legal point of view involved in CSR
Unit 4 - 12 hours	Participative learning, Discussions, assignments, Industrial Expert Lectures	It will help students to understand how corporate is responsible for contributing to the society

Subject: (504) Management of Corporate Social Responsibility	**Internal Evaluation (30Marks)**	**External Evaluation (70 Marks)**
Unit – I	Test on MCQs based on the theory	25% MCQs

Unit – II	Group discussion, MCQs	35% Short Notes 45% Long Answers
Unit – III	Preparing report on CRS activities of any 5 Companies	
Unit – IV	Test on MCQs	
Total	**30 Marks**	**70 Marks**

Suggested References:-

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Corporate Social Responsibility: An Ethical to Approach	Mark S. Schwartz	TATA McGraw Hill	New Delhi
2	The World Guide to CSR	Wayne Visser and Nick Tolhurst	Prentice Hall India	New Delhi
3	Corporate Social Responsibility in India	Sanjay K Aggarwal	Taxmann	New Delhi
4	Corporate Social Responsibility: Concepts and Cases: The Indian Context	C.V. Baxi, Ajit Prasad	Sage Publication,	New Delhi
5	Sustainable CSR: CSR Basics-	Harsha Mukherjee	TATA McGraw Hill	New Delhi

Savitribai Phule Pune University
TY BBA Semester V (CBCS) Pattern 2019
Course Title: Management of Corporate Social Responsibility
Course Code 504

Q.No.	Compulsory / Choice	Nature of Question	Marks	Total Marks
1	Compulsory Question	Objective Type Questions Multiple Choice Questions	5	20 Marks
		Match the Pairs	5	
		Answer in one sentence	5	
		Fill in the blanks	5	
2	Solve any 3 out of 5	Long Answer Question	3*10 Marks	30 Marks
3	Solve any 4 out of 6	Short answers /Short notes	4*5 Marks	20 Marks
	Total			**70 Marks**

Savitribai Phule Pune University
TY BBA Semester V (CBCS) Pattern 2019
Course: Marketing Environment Analysis and Strategies
Course Code- DSE A 505 MM
Credit – (3 + 1) = 4

Depth of the Course- Understanding of the Marketing strategies and Environment Analysis adopting advanced tools.

Course Objectives :

1.To develop students' understanding of the factors shaping Marketing Environment

2.To develop students' ability to analyze the Business Environment

3.To develop students' understanding of the strategies for sustaining the forces in Marketing Environment

Unit No.	Unit Title	Contents	Purpose & Skills to be developed
1	**Marketing Environment**	1.1 Introduction – Marketing Microenvironment – 1.1.1 Company, 1.1.2 Suppliers, 1.1.3 Marketing intermediaries, 1.1.4 Competitors, Customers 1.2.1 Macro Environment – 1.2.2 Demographic environment, 1.2.3 Economic environment, 1.2.4 Natural environment, 1.2.5 Technological environment, 1.2.6 Political environment, 1.2.7 Social environment, 1.2.8 Cultural environment	• The unit introduces the forces shaping the marketing environment, required to analyze the Business position in the market.

2	**Business Analysis**	2.1 Business Analysis process, 2.2 Analysis Parameters - Industry Size, Segment Size, Category Size, Segment wise contribution, Growth Patterns, 2.3 Growth Drivers, Competition CSF, KPI, BCG matrix, Porter's 5 force analysis 2.4 Data Analytics – Role of Data Analytics in Business Analysis. Scope, and its importance concerning marketing strategies. 2.4.1 Types of Data Analytics. 2.4.2 Challenges of Business Data Analytics.	• The unit aims to help understand the Business Analysis process.
3	**Marketing Research**	3.1 Need of Marketing research, 3.2 marketing research process, 3.3 Consumer Buying Behavior, Marketing environment affecting consumer-buying behaviour 3.4 Big Data Analytics – Concerning Consumer Psychologies	• The module reveals the relevance of Marketing Research for finalizing the marketing strategies.
4	**Marketing Strategies**	4.1 Introduction, 4.2 Product and Pricing Strategies, 4.3 Market Segmentation and Targeting Strategies, 4.4 Distribution Strategies, Communication Strategies. 4.5 Digital Marketing Strategies – Importance, and Challenges.	• The module focuses on the marketing strategies in the various business domains.

Teaching Hours Theory + Tutorials /Project	Innovative methods to be used		Expected Outcome
Unit 1- 12 hours	Students' Presentations Marketing Environments		Understanding of basic Marketing Environment Concepts
Unit 2- 12 hours	Group Discussions on Business Analysis parameters		Understanding the parameters of Business Analysis
Unit 3- 12 hours	Presentations on the concept of Marketing Research		Understanding the concept of Marketing Research
Unit 4 - 12 hours	Case Studies on Marketing Strategies		Understanding the real-time scenario of marketing strategies
Tutorial 15 hours		• Prepare a key skill involved in running an International Business • Prepare a Business plan for selling in Domestic Market • A report on role of Packaging in DomesticMarketing • Prepare a research-based report on identifying new markets for Indian	

		products. • Assignment on marketing strategies implemented by MNC's & data analytics	

Evaluation

Subject	Internal Evaluation	External Evaluation
Unit – I	MCQ Test Open Book Test	25% MCQs 45% Short Answers 30% Long Answers
Unit – II	MCQ Test Group Presentations	
Unit – III	MCQ Test Group Discussions	
Unit – IV	MCQ Test Group Presentations Assignments	
	Tutorial	
Total	30 + 20 = 50 Marks	**50 Marks**

Suggested references

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Business Environment	Francis Cherunilam	Himalaya Publishing House Pvt. Ltd.	India
2	Business Environment for Strategic Management	Aswathappa, K.	Himalaya Publishing House Pvt. Ltd.	India
3	Introduction to Modern Business – Issues and Environment	Musselman and Hughes	Prentice-Hall: 7th Revised edition	USA
4	Marketing Inside Out	Srinivasan Siva Rao	Notion Press; 1st edition	India
5	Marketing Management - marketing cases in the Indian context	Philip Kotler	Pearson Education; Fifteenth edition	India

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Question paper Pattern 2019 for TY BBA
University Examination Sub: Marketing Environment Analysis and Strategies
Course Code – DSE A 505

Q.No.	Compulsory / Choice	Nature of Question	Marks	Total Marks
1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	5	10 Marks
		Match the Pairs	5	
2	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
3	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
4	Solve any 4 out of 6	Short Notes	4*5 Marks	20 Marks
	Total			**50 Marks**

SavitribaibPhule Pune University
TY BBA –Semester V(CBCS) Pattern 2019
Course: Legal Aspects in Marketing Management
Course Code- DSEA 506 MM
Credit – 2+4 =6

Depth of the Course- Functional Working Knowledge
Course Objectives:
1. To understand the application of different legal aspects in Marketing Management

Unit No.	Unit Title	Contents	Purpose & Skills to be developed
1	**Introduction and Doorstep Selling/Home Delivery**	1.1 Introduction to Legal Aspects of Marketing 1.2 Importance, Scope and Features 1.3 Door Step Selling/Home Delivery – Rules, Order Fixation and Cancellation, Applicability of Rules, Terms and Conditions, and Documents needed for Doorstep Selling/ Home Delivery. 1.4 Tele sales and Direct Mail Sales Concepts	• To understand the legal aspect of Marketing Management • To study law related to sales, home delivery, telesales and Direct Mail Sales
2	**Advertising and Pricing**	2.1 Meaning and Definition, Importance, Types of Advertising (TV, Radio, Print form Advertising) 2.2 Laws for Broadcasting the Advertisement 2.3 Claims for Misleading Advertisement 2.4 Harms and Offence – Children, Medicine and Health, National and Societal Interest 2.5 Meaning and Importance of Pricing related laws 2.6 Laws related to price/payment consumer rights surcharge payment regulations	• To understand rules and laws related to broadcasting ads via different forms • To study claims for misled adv campaign • To study price-related laws and consumer rights for surcharge payment
3	**Online Marketing and CRM**	3.1 Meaning and Definition of Online Marketing 3.2 Legal Consideration for Data Protection (data collected from potential customers, its usage, security) 3.3 Cookies –Monitoring and governing of cookies, security and confidentiality of client data while online marketing 3.4 Concept of CRM, Terms and Conditions related to CRM	• To understand issues and laws related to online marketing • To study Terms and conditions in CRM

4	**Project Report**	Project preparation on any topic from the marketing syllabus. Refer the guidelines for preparation of project report.	• To introduce the students to the general Marketing practices in Marketing origination. • To make students aware of different acts and laws and their application in real-time

Teaching Methodology

Teaching Hours Theory + Tutorials /Project Practical	**Innovative methods to be used**	**Project in Legal Aspects 4 Credits**	**Expected Outcome**
Unit 1- 12 hours	Lectures/ Presentation/Discussion/videos	1.Students are required to visit and collect data from market/field/Consumer forums/ organizations/supermarkets/departmental stores/malls individually or in groups and study laws practised, policies, legal issues, rules of Terms and Conditions. 2. Students are required to prepare a Project on collected data. Note – Colleges can change the topics for projects as per the requirements of the course	To understand the legal aspect of Marketing Management and law related to sales, home delivery, telesales and Direct Mail Sales To Understand the gist of the case study and way of attempt or solution
Unit 2- 12 hours	Lectures/Case studies/Discussion/videos/Model Making		To understand rules and laws related to broadcasting ads via different forms and claims for misled adv campaign. To study price-related laws and consumer rights for surcharge payment
Unit 3- 12hours	Lectures/ Case Studies/Discussion/Role Plays		To understand issues and laws related to online marketing and Ts & Cs in CRM

Evaluation

Subject	Project Evaluation by SPPU	External Evaluation
Unit – I	Project 30 marks &Viva 20 marks	25% MCQ 35% short notes 40% long answers (50 marks)
Unit – II		
Unit – III		
Project Viva		
Total	**50 Marks**	**50 Marks**

Suggested references

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Marketing and the laws	M. A. Sujan and HaishSujan	New Age Publication	New Delhi
2	Mercantile Law	N.D. Kapoor	S. Chand	New Delhi
3	Mercantile Law	Arun Kumar	Atlantic Publishers & Distributors Pvt Ltd	New Delhi
4	Best Practices in Law Firm Business Development and Marketing	Deborah Brightman Farone	Practising Law Institute	US
5	Mercantile & Commercial Laws	Rohini Agrawal	Taxmann	New Delhi

Savitribai PhulePune University
T.Y. BBA Semester V (CBCS) Pattern 2019
Course Title – Analysis of Financial Statements
Course Code- DSE B 505 FM
Credit- 3+1 = 4

Depth of the Course: Overview & Fundamental Knowledge of Analysis of Financial Statements

Course Objectives:

1. To develop the conceptual framework of financial analysis and provide practical exposure to apply various tools of Financial Statement Analysis.
2. To enable to use of various types of ratios for financial and investment decisions.
3. To impart knowledge about Cash Flow and Fund Flow Statements and their importance in financial analysis.

Unit No.	Unit Title	Contents	Purpose & Skills to be developed
1	**Introduction of Analysis & Interpretation of Financial Statements**	I.1 Introduction of Schedule III as per Companies Act 2013, 1.2 Meaning and importance of Analysis of Financial Statements, 1.3 Tools and Techniques of financial analysis- 1.4 Comparative Financial Statements, 1.5 Trend Analysis, 1.6 Common Size Financial Statements, 1.7 Ratio Analysis, Fund Flow Statement and C 1.8 Cash Flow Statement	• To develop, critical & analytical skills for understanding the application of various tools of analysis of financial statements
2	**Ratio Analysis**	2.1Meaning, Importance, Advantages & Limitations of Ratio, 2.2 Classification of Ratios- 2.2.1 Liquidity ratios, 2.2.2 Turnover ratios, 2.2.3 Profitability ratios and	• To develop analytical and interpreting skills for evaluating the financial position of business corporations by calculating and comparing various ratios

		2.2.4 Solvency radios (Practical Problems based on the ratios- Problems based on reverse ratio is excluded.)	
3	**Cash Flow Statement**	3.1 Meaning, Objectives, Uses, and Limitations of Cash Flow Statement, 3.2 Methods of Cash Flow Statements- Direct methods and indirect methods. 3.3 Practical sums on an indirect method	• To understand the cash management of any business corporations by preparing a cash flow statement.
4	**Fund Flow Statement**	4.1 Meaning, Objectives, Uses, and Limitations of Fund Flow Statement, 4.2 Preparation of Fund Flow Statement-Fund from operations & statement of changes in Working Capita 4.3 Practical sums on Preparation of Fund Flow Statement-	• To understand the arrangement of funds for day-to-day business operations by preparing a fund flow statement

Teaching Methodology

Teaching + Tutorials Hours	**Innovative methods to be used**	**Tutorials /Project for 1 credit**	**Expected Outcome**
Unit 1- 12 hours	Lecture method, Classroom discussion based on PPT, Problem Solving & Case Study		To understand different tools of analysis & interpretation of financial statements.
Unit 2- 12 hours	Problem Solving, Participative Learning, Peer Learning & classroom Discussion.		To enable to use of various types of ratios for financial & investment decisions.
Unit 3- 12 hours	Problem Solving, Participative Learning, Peer Learning & classroom		To manage the cash flow arrangement of any business corporation

	Discussion.		
Unit 4 - 12 hours	Problem Solving, Participative Learning, Peer Learning & classroom Discussion.		To make available & manage various sources and application of funds for day-to-day business operations
Tutorial 15 Hours		• Financial Analysis of any company of three years using Trend Percentage/ Comparative Statement/Ratio Analysis. • Financial Analysis of two different companies using Trend Percentage / Comparative Statement/Ratio analysis.	

Note- Students can do practical by using any one of the tools of Financial Analysis & evaluation can be done by conducting viva/PPT by the respective subject teacher

Evaluation

Subject- Analysis of Financial Statement	**Internal Evaluation**	**External Paper Pattern (50 Marks)**
Unit – I	MCQ/ long question/ short notes	**Q.1 A Fill in the blanks (5M)** **Q.2 A Write Short Notes (Any 3)** **OR** **(15M)** **Q.2 Long Answer** **Q.3 Problems on Ratio Analysis (15M)** **Q.4 Problem on Fund Flow Statement**
Unit – II	MCQ/Long questions/ problem/ short notes	
Unit – III	MCQ/Long questions/ problem/ short notes	
Unit – IV	MCQ/Long questions/ problem/ short notes	

		OR **(15M)** **Q.4 Problem on Cash Flow Statement**
Total –	**30+ 20 marks for project= 50 Marks**	**50 Marks**

Suggested references

Sr. No.	**Title of the Book**	**Author/s**	**Publication**	**Place**
1	Advanced Management Accounting	Ravi Kishore	Taxman	New Delhi
2	Management accounting & Financial Analysis	Ravi Kishore	Taxman	New Delhi
3	Financial Reporting & Analysis	Dr. Jawahar Lal & Dr. Sucheta Guaba	Himalayan Publication House	New Delhi
4	Financial accounting & Analysis	P.Prem Chand & Madan Mohan	Himalayan Publication House	New Delhi
5	Management accounting & Financial Analysis	M.Y.Khan&P.K.Jain	Tata McGraw Hills	New Delhi

Savitribai Phule Pune University
T.Y. BBA Semester V (CBCS) Pattern 2019
Discipline-Specific Electives (DSE- B- FM)
Course Title – Legal Aspects of Finance & Security Laws
Course Code- DSE B 506 FM
Credit-2+4=6

Depth of the Course: Overview & Fundamental Knowledge of Legal Aspects related to finance.

Course Objectives:

1. To understand the Legal Aspects of Finance & Security Laws.
2. To know the legal provisions to obtain finance from various source of finance.
3. To explore various finance & securities-related laws in India.

Unit No.	Unit Title	Contents	Purpose & Skills to be developed
1	**Introduction to legal aspects of Finance**	1.1 Overview of Indian Financial System, 1.2 Introduction to Legal aspect: - Finance, Securities market. 1.3 Basics of insurance, Derivatives, Commercial Banking, Capital Markets, Money Market, Forward Market Commission of India (FMC), Pension Fund Regulatory and Development Authority (PFRDA).	• To understand the fundamentals of legal aspects of Finance. • To know the basics of various financial instruments.
2	**The issue, Listing of Securities&Investor Protection**	2.1 Listing of Securities, 2.2 Issue of Capital and Disclosure Requirements (ICDR), 2.3 Procedure for Issue of Various Types of Shares and Debentures, 2.4 Employee Stock Option Scheme and Employee Stock Purchase Scheme,	• • To understand the process of fundraising through IPO. • To explore the legal procedure of IPO listing & Delisting.

		2.5 Delisting of Securities.	
3	**Companies Act 2013& Investor Protection**	3.1 Introduction to the Companies Act 2013, 3.2 Overviews of Companies Act 2013, 3.3 Legal Documents- Memorandum of Associations (MOA), Articles of Associations (AOA). 3.4Importance of Preparation of Financial Statements & its disclosure. 3.5Investor Education and Protection Fund (IEPF) under SEBI Regulations and Companies Act, 2013,	• To study & understand the basics of the Companies Act 2013. • To understand various legal documents under the Companies Act 2013 • To study legal norms regarding the selection of the appropriate source of finance. • To make aware students of various investment avenues.
4	**Goods &Service Act 2017**	4.1 Introduction to GST, 4.2 Types of GST, Overview of CGST, SGST, IGST& UTGST Act 2017, 4.3 Eligibility to register under GST, Benefits of GST Registration. 4.4 Procedure of GST Registration, 4.5 Introduction to GST Network, Functions of GSTN.	• To study & understand the basics of Goods & Service Tax. • To study various basic aspects related to GST.

Teaching Methodology

Teaching Hours Theory + Tutorials /Project Practical –as applicable	Innovative methods to be used	Expected Outcome
Unit 1 (13 hrs)	Group Discussion, Assignments.	To understand the Various Legal Provisions & Norms in the field of Finance.
Unit 2 (13 hrs)	Case Study, Group Discussion Based on SEBI Rules & Regulations.	To understand the objectives of Securities market regulators & also understand different Legal Provisions of the same.
Unit 3 (13 hrs)	Case Study, Group Discussion, Need-Based Project or Assignments.	To understand the significance of the Companies Act 2013 in the field of finance & also study its legal norms.
Unit 4 (9 hrs)	Group Discussion, Presentations by Students	To Study & understand the significance of Goods & Service Tax & also understand its implications.

Evaluation

Internal Evaluation	External Evaluation
30 Marks for Projects + 20 Marks for viva = 50 Marks	25% MCQs, 35% Short Notes, 40% Long Answers= 50 Marks

Suggested Topics for Projects:-

1. Study of IPOs recently listed on stock market.
2. Investor Education and Protection under SEBI Regulations
3. Investor Education and Protection under Companies Act, 2013,
4. Importance of Financial Education &Investor Grievance Redressed Mechanism at SEBI.
5. Actual of Working of GST IT infrastructure.
6. Implications of GST on Small vendors/businesses.
7. Benefits of GST to the Business & Government.

8. Study of Derivatives in the stock market & their importance for hedging.
9. Actual of Working ofIRDA, Money Market, Capital Market, PFC, FMC, PFRDA etc.
10. Study of historical overview of legal aspects of finance.
11. Project on Recent Corporate Governance related cases in various companies.
12. Any other topic can be given based on the syllabus.

Suggested References:

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Capital Market in India	E. Gordon, K. Natarajan	Himalaya Publishing House	Mumbai
2	Guide to Indian Capital Market	Sanjeev Aggarwal	Bharat Law House	Delhi
3	The Indian Financial System	Vasant Desai	Himalaya	Delhi
4	Financial Services and Markets	Dr. S.Gurusamy	Thomas	Delhi
5	SEBI Practice Manual; 59/32, New Rohtak Road, New Delhi-110005.	V.L. Iyer	Taxman Allied Service (P) Ltd.	Delhi
6	Indian Financial Systems	M.Y. Khan	Tata McGraw Hill.	Delhi
7	SEBI – Law, Practice & Procedure	S. Suryanarayanan	Commercial Law Publishers (India) V. Varadarajan Pvt. Ltd.	Delhi
8	Compliances and Procedures under SEBI Law	Mamta Bhargava	Taxmann: SEBI Manual	Delhi

SavitribaiPhule Pune University
Question paper Pattern 2019 for TY BBA
University Examination Sub: Legal Aspects of Finance & Security Laws
Course Code – DSE B 506

Q.No.	Compulsory / Choice	Nature of Question	Marks	Total Marks
1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	5	10 Marks
		Match the Pairs	5	
2	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
3	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
4	Solve any 4 out of 6	Short Notes	4*5 Marks	20 Marks

Savitribai Phule Pune University
TY BBA Semester V (CBCS) Pattern 2019
Cross-Cultural HR & Industrial Relations
Course code DSE C 505 HRM
Credit 3+1= 4

Depth of the course- Functional knowledge

Program Objectives

1. To make students understand Cultural Variables in Multinational Enterprises.
2. To learn some basic business etiquette and dining etiquette that will help to work in different countries across the globe
3. To make students understand the relationship between Cross-Culture Management and Human Resource Management.
4. 4. To explain how employees can be prepared for international assignments.
5. 5. To provide students with the fundamental knowledge of Industrial Relations.
6. 6. To provide the knowledge to students of provisions under The Industrial Disputes Act,1947, The Factories Act, 1948 and The Maternity Benefit Act 2017

Unit No.	Unit Title	Contents	Purpose & Skills to be developed
1	**Introduction to cross-Cultural Management**	1.1 **Understanding Culture and Cross-Culture** 1.2 Meaning of Culture, 1.3 Six Dimensions of National Culture by Professor Geert Hofstede, 1.4 Cultural differences and similarities, 1.5 Cultural Variables in Multinational 1.6 EnterprisesCommunicating across Cultures 1.7 Negotiating across Cultures 1.8 Multicultural Teams 1.9 Cross-Cultural Management and business etiquette	• To understand the basic concept of Culture and Cross-Culture. • To make students understand Cultural Variables in Multinational Enterprises. • To learn some basic business etiquette and dining etiquette that will help to work in different countries across the globe. • To discuss the impact of cross-cultural communication on international business.

2	**Cross-Culture and Human Resource Management**	2.1 Cross-Culture and Human Resource Management 2.2 Cross-cultural Human Resource Management 2.3 Motivation Across Cultures 2.4 Leadership and Decision MakingAcross Cultures 2.5 Communication & NegotiationAcross Cultures 2.6 Rewards Across Cultures 2.7 Training Across Cultures 2.8 Power and Conflict Across Cultures 2.9 Skills for a Global Manager 2.10 Cross-cultural Differences and Managerial Implications (The Role of Human Resource Management in Cross-Cultural Environment)	• To make students understand the relationship between Cross-Culture and Human Resource Management. • To make students aware of Cross-cultural Differences and Managerial Implications. •
3	**Fundamentals of Industrial Relations**	3.1 Meaning and definition of Industrial Relations, 3.2 Evolution of Industrial Relation, 3.3 Importance of Industrial Relations, 3.4 Scope of Industrial relations 3.5 Approaches towards the study of Industrial Relations (Psychological Approach, Sociological Approach, Socio Ethical Approach, Gandhian Approach, Industrial Relations Approach and HR Approach) 3.6 Ethical Codes & Industrial Relations	• To acquire a solid theoretical, practical and ethical perspective on many aspects of industrial relations. • To make students understand the meaning, definition, importance, scope and evolution of Industrial Relation. • To provide sound knowledge about different approaches towards the study of Industrial Relations • To provide an understanding of the relation between Ethical Codes & Industrial Relations •
4	**The Industrial Disputes Act,1947, The Factories Act, 1948 and The Maternity Benefit Act 2017**	4.1 The Industrial Disputes Act,1947 - 4.2 Definitions, 4.3 Authorities under the Act, 4.4 Power & Duties of authorities, 4.5 Strike & lockout, 4.6 Lay-off, 4.7 Grievance Redressal Machinery 4.8 The Factories Act, 1948	• To inculcate the knowledge among students about authorities under The Industrial Disputes Act,1947. • To provide the knowledge to students of provisions under Strikes & Lockout and Lay-off. • To make students aware of how to regulate the conditions of work in manufacturing establishments coming within a factory. • To provide the knowledge of provisions regarding

		4.9 Definitions, 4.10 Authorities under the Act, 4.11 Provisions regarding Safety, 4.12 Provisions regarding Health, 4.13 Provisions regarding Welfare, 4.14 Provisions regarding Leave with Wages, 4.15 Provisions regarding Working hours of adults 4.16 The Maternity Benefit Act 2017 4.17 Application of Act. 4.18 Definition 4.19 Right to payment of maternity benefit 4.20 Payment of maternity benefit in case of death of a woman 4.21 Provision of creche' facility	the parameters such as the Safety, Health, Welfare, Leave with Wages and working hours employees in the organisation. • To make students understand the provisions under The Maternity Benefit Act 2017.

Teaching Methodology

Teaching Hours Theory + Tutorials /Project Practical –as applicable	Innovative methods to be used	Expected Outcome
Unit 1- 12 hours	• Traditional classroom lectures • Group Discussion • Workshop on Business Etiquette • Caselets solution	Great gains in content knowledge, skill acquisition, and overall understanding of the basic concept of Culture and Cross-Culture Management. A better understanding of Dress Etiquette, Dining Etiquette etc through business Etiquette workshop.
Unit 2- 12 hours	• Traditional classroom lectures • Preliminary presentation from students across cultures. • Role-play on Cross-cultural Differences and Managerial Implications.	Strengthen key competencies in individual and group participation, oral communication and persuasion, critical thinking, problem-solving through individual presentation and role-plays. Inculcating key competencies of different concepts of Cross-Culture and Human Resource Management through Caselets solutions.

	• Caselets solution	
Unit 3- 12 hours	• Traditional classroom lectures • Essay writing on Industrial Evolution • Student's presentation on different approaches towards the study of Industrial Relations • Group Discussion on Ethical Codes & Industrial Relations	Gain experience with instrument development and data collection methods. Practical understanding of data processing and Data Analysis. Develop thinking skills, listening abilities and how they are communicating their thoughts on Ethical Codes & Industrial Relations through Group Discussion.
Unit 4 - 12 hours	• Traditional classroom lectures • Role-Plays on Strike & lockout and Lay-off • Student's presentation on different provisions under The Factories Act 1948 • Debate on Maternity Benefit Act 2017.	A better understanding of the Authorities under Act/s. Provide real-world scenarios to help students learn skills used in real-world situations through role-Play activity on Strike & lockout and Lay-off. Gain of deep knowledge of different provisions under The Factories Act 1948. Develop the power of deploying rational, reasoned arguments on The Maternity Benefit Act 2017 through debate activities.
Tutorial 15 Hours	• Individual Project Report submission and presentation on any topic taught under this course	

Evaluation

Unit Number	**Internal Evaluation**	**External Evaluation**
	Evaluation of students based on	
Unit – I	**1. Active participation Group Discussion and Workshop**	**25% MCQ 35% short notes 40% long answers**
Unit – II	**1.** Individual Presentations, **2.** Active participation in Role-Plays **3. Caselets solution**	
Unit – III	**1. Essay writing submission** **2. Student's Presentations** **3.** Active participation in Group-Discussion	
Unit – IV	**1.** Active participation in Role-Plays and Debate activities	
Tutorial		

Total – 30+20 = 50		**50**

Suggested references

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Cross-cultural Management- Concepts and Cases	ShobhanaMadhavan	Oxford University Press	London
2	Culture's Consequence - International Differences in Work-related Values	Geert Hofstede	Sage Publications	New York
3	International Human Resource Management	Peter Dowling &Denice E. Welch	Cengage Learning	New York
4	Industrial Relations and Labour Laws	A. M. Sarma	Himalaya Publishing House	Pune
5	Labour and Industrial Laws	P.K. Padhi	PHI Learning Private Limited	New Delhi
6	Labour and Industrial Laws	S. P. Jain, Simmi Agarwal	Dhanpat Rai & Co.	New Delhi

Savitribai Phule Pune University
Question paper Pattern 2019 for TY BBA
University Examination Sub: Cross-Cultural HR & Industrial Relations
Course code C 505
Credit 4

Q.No.	Compulsory / Choice	Nature of Question	Marks	Total Marks
1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	5	10 Marks
		Match the Pairs	5	
2	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
3	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
4	Solve any 4 out of 6	Short Notes	4*5 Marks	20 Marks
	Total			**50 Marks**

Savitribai Phule Pune University
TY BBA –Semester V (CBCS) Pattern 2019
Cases in Human Resource Management + Project Viva
Course code DSE C 506 HRM
Credit - 2+4 = 6

Depth of the Course- Functional Working Knowledge

Course Objectives:

1. To understand the application of theory into practice.
2. Design critical thinking by making judgments related to problems in Case Studies of Human Resource.
3. Develop critical thinking for solving Case Studies of Human Resource.
4. To analyze the broad fundamental components of HRM.

Note: The Case Study examination paper will be for 2 credits and the Internship and project report along with viva-voce will be for 4 credits.

Unit No.	Unit Title	Contents	Purpose & Skills to be developed
1	Case Study – Introduction	1.1 Case – Meaning – Objectives of Case Studies, 1.2 Characteristics & Importance of Case Studies, 1.3 Case Study analysis methodology (steps in Case Study Analysis) 1.4 Guidelines (Dos and Don'ts in Case Study Analysis).	• To make student know the gist of the Case Study and the way of attempt or solution. • Explain steps in solving case studies.
2	Areas of Case Study	2.1 Functions of HRM, 2.2 Challenges before HRM, 2.3 Role of HR Manager, 2.4 Job Analysis- Job Description, Job Specification, Job Evaluation, 2.5 Manpower Planning and Forecasting, 2.6 Recruitment and Selection,	• Analyze the broad fundamental components of HRM. • Develop critical thinking for solving Case Studies of Human Resource. • To develop the ability about getting acquainted with the theory and its application in real-life scenario of the HR Department.

		2.7 Training and Executive Development, 2.8 Employee Compensation, Performance Appraisal, 2.9 Career Planning, 2.10 Employee Morale, Job Satisfaction, 2.11 Workforce Diversity, 2.12 International HRM, E-HRM, 2.13 Human Resource Information System, 2.14 Work from Home, Change Management 2.15 Out-Sourcing, 2.16 Rights of an employee at the workplace., HR Policy, 2.17 Legal issues related to HR in the Organization, 2.18 Wage & Salary Administration, 2.19 The Workmen's Compensation Act, 1923, 2.20 The Payment of Gratuity Act, 1972, 2.21 Sexual Harassment of Women at Workplace, 2.22 Workers Participation in Management, 2.23 Organizational Development, 2.24 Employee Record Management, 2.25 Individual Behavior, Group Behavior, Personality, 2.26 Values and Attitude, 2.27 Group Dynamics, Conflict Management,	• To make students know about recent happening in important concepts of Human Resource. • Design critical thinking by making judgments related to problems in case studies of Human Resource. • To understand the challenges faced/confronted in recent times.

Evaluation:

Project Report Evaluation	External Evaluation
Students must undergo for internship and must do fieldwork, survey, analysis of data, prepare a hard binding project report. The project report must be submitted to the college along with a soft copy of the same.	The external evaluation will be done based on an examination paper comprising of Case studies to solve for a maximum of 50 marks.

For external evaluation, there will be a viva voce. Such viva-voce shall be conducted by a referee appointed by the University along with an internal referee.	
Having gone through all the topics, students have to be given cases to solve and are asked to submit a soft copy in PDF and PPT to college.	
Project Report- 30 marks &Viva-Voce - 20 marks = Total Marks 50	**50 Marks**

Suggested References

Sr. No.	Title of the Book	Author/s	Publication
1	Case Study Solutions Human Resource Development	H. Kaushal	MacMillan
2	Human Resource Management (Text and Cases)	S.S. Khanka	S. Chand
3	Human resource Management Text and Cases	K. Aswathappa	McGraw Hill India
4	Cases in Human Resource Management	David Kimball	SAGE Publications, Inc
5	OrganizationalBehavior: Text, Cases, Games	K. Aswathappa	Himalaya Publishing House
6	OrganizationalBehavior: Text & Cases	Suja R, Nair	Himalaya Publishing House

Savitribai Phule Pune University
TYBBA Semester V (CBCS) Pattern2019
Course : Health Care Management
Course Code -DSE D 505 SM
Credit 3+1=4

Depth of the Course –Reasonable working knowledge.

Course Objectives:

1. To create awareness related to health care management and services.
2. To enables students to understand the various healthcare services& other developments in the Indian health care service sector.
3. To provide students insight into the Functions & Role of modern healthcare management services offered to cater for the current needs.

Unit No.	Unit Title	Contents	Purpose and Skills to be developed
1	**Basics of Health care Management**	1.1 Importance, meaning, objectives of health care Management, 1.2 Types of healthcare services, Need of hospital administration, 1.3 Management of hospital services, 1.4 Wellness and fitness, Homecare and public healthcare service management.	• To understand the importance of healthcare management • Ability to understand hospital administration, homecare, and public healthcare.
2	**Management & Healthcare**	2.1 HR management in the health sector, 2.2 Operations and Supply chain management in health care, Financial Management in healthcare, 2.3 Healthcare -advertising and Media Management, 2.4 Digital Marketing of healthcare services.	• To understand how to manage human resource, financial resources, media management, supply chain management required to healthcare services

3.	**Problems and Prospects of Health care Management**	3.1 The problem faced by the health industry, Quality Management, 3.2 Opportunities in healthcare services and Management, 3.3 Changing scenario of the health industry.	• To understand problems and prospects of the healthcare industry. • Ability to understand changing scenario of the health industry.
4.	**IT and Health care Management**	4.1 Information System Overview, the structure of MIS specific to the hospital; 4.2 Information and data; Information for control, decision 4.3 IT applications in healthcare Management	• To understand the role of MIS in healthcare management. • To understand the use of IT in decision making. • To understand the various applications of IT in healthcare management.

Teaching Methodology

Unit &teaching Hours	Innovative methods to be used	A V Applications	Project	Expected Outcome
I–(14)	Presentation on how healthcare is important in wellness and fitness. Presentation on identifying different needs of healthcare services	Short films on healthcare management	Healthcare Services-Development of Human being and Organization	To develop an awareness of healthcare and to understand its societal importance.
II-(13)	Poster presentation on the various discipline of management and healthcare	Films on different Institutions meeting different needs of finance/Marketing/HR/Sup-ply chain management	Developing a suitable financial/ Marketing/HR needs assessment chart.	To develop a rational understanding regarding the role and utility of different sources of finance. Marketing and HR needs

III-(11)	Presentation on the negligence of healthcare and losses. Advantages of healthcare service management	Films on healthcare service industries	A report on the healthcare service industry, hospital administration, quality management	To understand problems, issues related to healthcare services and how it is important to maintain quality in this business for the development of the nation
IV –(10)	Presentation emerging trends in healthcare services, business,Use of IT in healthcare service management	Films on IT applications in healthcare Service management	Are port on IT applications in healthcare Service management	To have the right understanding of how modern healthcare business is changing and what are the new trends in the healthcare industry

Evaluation Method

Unit No	**Internal evaluation**	**External Evaluation**
	Evaluation of students based on	
Unit-I Unit-II Unit-III Unit-Iv	1. Role Play 2. Chart Preparation and Presentation 3. Debate 4. Group Discussion	25% MCQ 35% Short notes 40% Long answer
Project/ Practical	1 Project Submission. 2. Presentation.	
Total	**50 Marks**	**50 Marks**

Suggested References

Sr.No	Title of the Book	Author	Publication	Place
1	Healthcare Operations and Management	Daniel B.McLaughlin and John R. Olson	ISBN 9781567938524	e-book
2	Principles of Hospital Administration and Planning	B.M.Sakharkar	Jaypee Brothers Medical Publishers	New-Delhi
3	Quality Management in Hospitals	S.K. Joshi	Jaypee Brothers Medical Publishers	New-Delhi
4	Delivering Quality Service: Balancing Customer Perceptions expectations	Zeithmal, Parasuraman, Berry	Simon and Schuster Inc.	New-York
5	Hospital Information Systems	Kelkar S.A.	Cloudtail India	
6	Hospital Management and Hospital Operations	Dr. Shalini Suri	Jain Book Depot	New-Delhi
7	Financial Services and Markets	Dr.S.Gurusamy	Thomson	Delhi
8	Marketing management	Philip Kotler, keller-Jha	Pearson Education New Delhi	New Delhi
9	Advertising and Promotion	Belch and Belch	Tata McGraw Hill	New Delhi
10	Human Resource Management	L. M. Prasad	Sultan Chand & Company Ltd.	New Delhi

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Question paper Pattern 2019 for TY BBA
University Examination Sub: Health Care Management
Course Code – DSE D 505

Q.No.	Compulsory / Choice	Nature of Question	Marks	Total Marks
1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	5	10 Marks

		Match the Pairs	5	
2	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
3	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
4	Solve any 4 out of 6	Short Notes	4*5 Marks	20 Marks
	Total			**50 Marks**

Savitribai Phule Pune University
TYBBA Semester V (CBCS) Pattern2019
Course: Permissions and Legal Aspects in Services
Course Code -DSE D 506 SM
Credit 2+4=6

Depth of the Course–Reasonable working knowledge

Course Objectives:

1.To create awareness related to services.
2. To enables students to understand the importance of the service sector.
3. To provide students insight into recent practices in the service sector

Unit No.	Unit Title	Contents	Purpose and Skills to be developed
1	**Overview of Service Laws**	1.1 Concept of services, 1.2 Overview of service laws 1.3 precautions while delivering services, 1.4 Rules and regulations advertising policy for services 1.5 Service Prospects and Proposal-overview of service proposal 1.6 Service agreements -terms and conditions	• To understand the fundamentals of different laws related to services.
2	**Legality of Service**	2.1Performance of Services – Contract of Agencies (Contract Act) 2.2 Effect of breach of services agreement or contract 2.3 Consumer protection act and service industry	• To understand legal aspects of the performance of services, consumer protection act and service industry

3.	**Legal Responsibilities -Travel & Tourism**	3.1 Legal Responsibilities of Travel & Tourism -Travel, Agents & Tour Operators, Online Travel Sales, Transportation & Common Carriers, Tour packages and agreement related to tour- clear publication of facilities, Mode and instalment of Payment, cancellation policy and refund terms and conditions. 3.2 Safety & Security Issues in the Hospitality Industry, Safety & Security Programs,	• To understand legal responsibilities of travel and tourism, hospitality Industry
4.	**Case Study -**	4.1 Case Studies related to legal aspects of Services, disputes, jurisdiction in case of the dispute arises	• Designing of Cases related to legal aspects of services

Teaching Methodology

Teaching Hours Theory + Practical	Innovative methods to be used	AV Applications	Project	Expected Outcome
Unit 1- 12 hours	Presentation on how the law is important related to services	Short films on how the law is important related to services	Discussion on Various Legal issues related to services	To understand service laws and their importance to society and business development.
Unit 2- 12 hours	Post representation on Performance of Services – Contract of Agencies (Contract Act), Effect of breach of services agreement or contract, Consumer protection act and service industry	Films on different legal issues related to services	A report on services agreement, breach of contract	To understand the impact of a breach of service agreement or contract

Unit 3- 12 hours	Presentation on legal responsibilities -travel &tourism	Films on legal responsibilities of travel &tourism	Airport on legal responsibilities of travel &tourism	To understand problems, issues related to travel and tourism.
Unit 4 - 12 hours	Presentation on legal aspects of Services, disputes, jurisdiction in case of the dispute arises	Films on legal aspects of Services, disputes, jurisdiction in case of the dispute arises	A report on legal aspects of Services, disputes, jurisdiction in case of the dispute arises	To understand legal aspects of Services, disputes, jurisdiction in case of the dispute arises

Evaluation Method

Unit No	**Internal evaluation**	**External Evaluation**
	Evaluation of students based on	
Project/ Practical	1 Project Submission. 2. Presentation.	25% MCQ 35% Short notes 40% Long answer
Total	**50 Marks**	**50 Marks**

Suggested References

Sr. No	**Title of the Book**	**Author**	**Publication**	**Place**
1	Legal Aspects of Business	Akhileshwar Pathak	Mc-Graw Hill	New-Delhi
2	Legal Aspects of Corporate Management and Finance	Don Mayer, Daniel Warnwer , George Siedel	Saylor Foundation	New-York
3	Legal and economic considerations surrounding reproductive tourism	Anastasia Paraskou and Babu P. George	Jaypee Brothers Medical Publishers	New-Delhi
4	Important Acts that Transformed India: For UPSC Civil Services Examination	Alex Andrews George	Mc-Graw Hill	Delhi
6	Labour Laws: Everybody should know	H.L.Kumar	Universal Law Publishing	New Delhi

Savitribai Phule Pune University
TY BBA Semester V(CBCS) Pattern 2019
Course Title: Warehouse Management
Course Code DSE E 505 ABM
Credit – 3+1=4

Depth of the Course: Understanding Core Aspects of Warehouse Management

Course Objectives:

1. To introduce the fundamental concepts, key principles and activities related to Warehousing function in the modernorganization.
2. To addresses the operational aspects of planning and managing warehouses.
3. To give exposure related to business functions in warehouse and supply chain management including inventory, purchasing, materials and logistics.
4. To familiarize with the issue in core functions in warehouse management.

Unit No.	Unit Title	Contents	Purpose & Skills to be developed
1	**Warehouse Management**	Introduction, Objectives, Supply Chain impact on Stores and Warehousing, Retail Logistics, Retail transportation, Issues in retail logistics, Managing retail shrinkage. 1.3 Need for warehousing management 1.4 Evolution of warehousing, 1.5 Role of a warehouse manager Functions of Warehouses 1.6 Types of Warehouses, Warehousing Cost, 1.7 Warehousing Strategies, 1.8 Significance of Warehousing in Logistics, 1.9 Warehousing Management Systems (WMS)	**Purpose -:-** -Learning & understanding the concept of warehouse management. -Understanding issues in retail logistic. **Skills to be developed:-** -Development of Managerial Skills. - Learning Warehousing Strategies and warehousing management system.

2	**Role and Strategic Aspects of Warehousing in Retail.**	2.1 Retailing and Warehousing, Challenges in retail warehousing, Setting up a warehouse, Retail product tracking in the warehouse using RFID. 2.2 Types of warehouses, Benefits of warehousing. 2.3 Role of government in warehousing. 2.4 Characteristics of an ideal warehouse, Storing products in a warehouse 2.5 Warehousing and Supply Chain 2.6 Different Types of Customers in Warehousing 2.7 Importance of Warehouse in a Value Chain, Warehouse Location, Modern Warehouse Operations. 2.8 World-class warehousing.	**Purpose:-** - Understanding government role in warehousing. -Understanding the retail product tracking &importance of warehouse in the value chain. -Highlighting various challenges faced by the Retail Industry. - Availing opportunities available indifferent Retail Industry. **Skills to be developed:-** -Adaptability to New /Recent trends. -Acquiring knowledge of warehousing techniques.
3	**Technology Aids in Warehouse Management Introduction to Operations and Supply Chain Management**	Introduction, Objectives, Bar Code Scanners, Wireless LAN, Mobile Computers, Radio Frequency Identification (RFID) Definition, Concept, Significance and Functions of Operations and SCM. – Evolution from manufacturing to operations management, Physical distribution to Logistics to SCM, Physical Goods and Services Perspectives. Quality: Definitions from various Perspectives, Customers view and Manufacturer's view. Concept of Internal Customer, Overview of TQM and LEAN Management, Impact of Global Competition.	**Purpose:-** -To understand the importance of Supply chain management. -To learn the new aids in Warehouse Management. -To understand customer and Manufacturer view. -**Skills to be developed:-** - To explore the importance of the supply chain technological world, primary trade-offs in making supply chain decisions, and basic tools for the effective and efficient supply chain management.

		3.1 Technological Change, Ethical and Environmental Issues on Operations and Supply Chain function.	
4	**Warehouse and its Operations, Warehouse and Dispatch Management**	4.1 Introduction, Objectives, Warehouse Structure, Warehouse Operations, 4.2 Receiving inventory, Picking inventory, Locating inventory, Organizing inventory, Dispatching inventory, 4.3 Equipment Used for a Warehouse. Types of warehousing, Warehouse Layout Docking and Marshalling, Warehouse Safety Management	**Purpose:-** -To satisfy customer needs and requirements. -To evaluate the external and internal factors and control through planning and review. **Skills to be developed:-** -Development of practical knowhow concerning the warehouse and its management

Teaching Hours Theory + Tutorials /Project Practical	Innovative Methods to be used	Project/ Tutorial for 1 credit	Expected outcome
Unit 1- 12 hours	Group Discussion on opportunities in Warehouse management, Theory lectures for conceptual understanding.	• Prepare report on different layouts of warehouses • A report on role of Packaging in warehouse management • Prepare a research-based report on safety measures in warehouse management	Learning will be more practical based on theory, thereby aid students in better understanding.
Unit 2- 12 hours	Interactive Sessions followed by feedback, Practical Assignments.		It enables students to learn the basics of warehouse management which will help them to provide the vision for new businesses in the current market.
Unit 3- 12 hours	Use of PPT Use of Microsoft Word and Excel for project preparation		Ability to collect relevant data and its analysis and interpretation.
Unit 4 - 12 hours	Arranging Sessions of Experts from Warehouse Management and Presentations by students for self-learning.		Awareness of actual scenario w.r.t. warehouse and its management.
Tutorial 15 hours			

Evaluation Methods

Unit No	Internal Evaluation	External Evaluation
Unit – I	1.MCQ on meaning, Definition and challenges of warehouse management 2. Open Book Test. 3. Presentation on Principles of warehousing	

Unit – II	1.Presentation on different innovative practices by Indian companies in warehousing. 2. Case Study on Foreign warehousing strategies. 3. Chart making on International market selection process.	**25% MCQ** **35% Short notes** **40% Long answers**
Unit – III	1.MCQ on contents of unit	
Unit – IV	1.Case study on warehouse safety	
	Tutorial	
Total	**30 +20 = 50 Marks**	**50 Marks**

Suggested References

Sr. No.	**Title of the Book**	**Author/s**	**Publication**	**Place**
1	Supply Chain Management Strategy, Planning and Operations	Sunil Chopra/Peter Meindi/ D.V.Kalara	Pearson	New Delhi
2	Warehouse Management	Gwynne Richards	Kogan Page Ltd	Great Britain
3	Logistic and Supply Chain Management	Martin Christopher	FT Publishing	UK
4	Reference Books:-A Supply Chain Logistic Program For Warehouse Management.	David E. Mulcahy,JochimSydow	CRC Press	UK
5	Operations Management	Lee Krajewski, Larry Ritzman, Manoj Malhotra	Pearson Education	New Delhi
6	Supply Chain Management Strategy, Planning and Operations	Sunil Chopra/Peter Meindi/ D.V.Kalara	Pearson	New Delhi

SavitribaiPhule Pune University
Question paper Pattern 2019 for TY BBA
University Examination Sub: Warehouse Management
Course Code – DSE E 505

Q.No.	Compulsory / Choice	Nature of Question	Marks	Total Marks
1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	5	10 Marks
		Match the Pairs	5	
2	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
3	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
4	Solve any 4 out of 6	Short Notes	4*5 Marks	20 Marks
	Total			**50 Marks**

Savitribai Phule Pune University
TY BBA Semester V(CBCS) Pattern 2019
Course Title: Permissions and Legal Aspects in Agriculture
Course Code DSE E 506 ABM
Credit – 2+4=6

Unit No.	UnitTitle	Contents	Purpose & Skills to be developed
1	**Introduction to FramingandActin India**	1.1 Introductiontofamersand Faming, 1.2 Right of Famers, 1.1 Politics and the legal system Contracts 1.2 Agriculturallabourandemployment Sales and productibility 1.3 StudyofdifferentagriculturalPolicy	• To study and Explain the right of Framers and Framing • To understand the legal system and politics. • To understand Contracts and torts • To study agricultural labour and employment. • To understand Sales and productibility. **Skills to be developed:** -Positive approach towards Agricultural sector, identifying opportunities in services, to know the legal fact about agriculture.
2	**NewFarm Act2020**	2.1 Introduction 2.2 Meaning and DefinitionSalientfeature of	• To understand the basic concept of Newfarmacts 2020 • To understand theApplicationofthenewacts

		real estate sales & finance –secured transactions, farm products rule - farm bankruptcy & mediation, business planning & partnerships - corporations and cooperatives leases& production contracts 2.3 Farmers' Produce Trade and Commerce (Promotion and Facilitation)Act,2020 2.4 Farmers(Empowerment and Protection) Agreement on Price Assurance and Farm Services Act, 2020 2.5 Essential Commodities(Amendment)Act,2020	• To understand the practical usage of new Actsto framers **Skills To Be Developed-** Practical Knowhow
3	**Legislations OnAgriculture**	3.1 Agricultural Produce (Grading andMarking)Act, 1937 3.2 FertilizerControlOrder1985 3.3 National Bank for Agriculture and Rural Development Act, 1981 3.4 Seeds Act 1966, Property rights,- Fencelaws&propertytaxes	• To understand the basic concept of all different acts. • To gain knowledge and application of acts. • Toknowthelegalterm and permission of different acts.
4	**Environmental law for agricultural**	4.1 Agricultural chemicals 4.2 Environmental liabilities 4.3 Impact of Climatic changes on Agricultural	• To know about laws and act for agricultural • To introduce the students to the general law related to agricultural • To enhance the awareness of the students towards different acts and their application

Teaching Methodology

Teaching Hours Theory + Tutorials /Project Practical	Innovative Methods to be used	Project for 4 credit	Expected outcome
Unit 1- 12 hours	Interactive Sessions followed by feedback, YouTube Videos for better understanding.	Preparing small reports on any Law as assigned by subject faculty	Learning will be more practical based on theory, thereby aid students in better understanding.
Unit 2- 12 hours	Visits to various Agriculturalrelatedunits(organizations or offices) to gain practical knowledge w.r.t.serviceelementsanditseffectiveimplementation. GroupDiscussiononActs	Asking students to make a report on any Irrigation or agricultural organization of their own choice w.r.t Agriculturalelements.	Development of interest in the Agricultural sector and implementation of various concepts in practice.
Unit 3- 12 hours	Use of PPT and preparation ofPPT based on fieldwork for agricultural Market and Marketing	Assigning students with tasks based on the current situation and its impact on the Agricultural sector.	Ability to collect relevant data and its analysis and interpretation.
Unit 4 - 12 hours	Arranging Sessions of experts from the industry (Guest lecture series)	Maintaining a record of every session by the students for evaluation by the teachers	Awarenessofactualscenario w.r.t. Agricultural operations and its management.

Evaluation:- Project =50 /External–50Marks

Permissions and Legal Aspect on Agricultural	**InternalEvaluation (50 Marks)**	**External Evaluation (50 Marks)**
Unit– I, II, III & IV	Various aspects like assignment, presentation, GDs etc. as decided by college authorities(30marks) Class tests, PPT Notes preparation	50 marks final Paper as per University guidelines
Project	Project - 50marks	50marks

Suggested References

Sr.No.	Title of the book	Author/s
1.	HistoryofAgriculture	M.S.Randhawa
2.	TheFutureofIndianAgriculture	Y.K. Alagh
3.	Land and Water ManagementEngineering	V.V.N.Murty
4.	TheNatureandPropertiesof soil	N.C. Brady and RayWeil
5	Bare Acts	Government of India

TY BBA – Semester VI

Savitribai Phule Pune University
TY BBA Semester VI (CBCS) Pattern 2019
Course: Essentials of E-Commerce
Course Code- GC 601
Credit – 3

Depth of the Course- Reasonable Working knowledge of E-Commerce Management.

Course Objectives :

1. To understand the importance, role, and activities of E-Commerce.
2. To understand various E-Money and E-Payment systems used in E-Commerce.
3. To understand the concept of E-Marketing and its tools in E-Commerce.
4. To Understand the concept of Cyber Space and Cyber Security in E-Commerce.

Unit No.	Unit Title	Contents	Purpose & Skills to be developed
1	**E-Commerce and Business Model Concepts**	1.1- Introduction to E-Commerce Role of E-Commerce in Business Economy. Growth of E-Commerce in India 1.2 - Factors responsible for the growth of E-Commerce in India Opportunities and Challenges for E-Commerce in India 1.3- E-Commerce Business Models – Introduction, Types, how to choose e-commerce business models. 1.4- Modern Procurement in E-Commerce - E-Procurement – Introduction, E-Commerce and Technological tools 1.5- E-Distribution – Introduction, Features, Scope and	• To understand the concept and role of E-Commerce business with context to India. • To understand the concept of various business models used in E-Commerce. • To understand the role of IT infrastructure in the development of

		Advantages. Architectural Models in B2B 1.6- E-Commerce and Infrastructure – Electronic Data Interchange, Internet, Intranet, Extranet, Backend Informatics System Integration etc.	E-Commerce in India.
2	**E-Money and E-Payment Systems**	2.1 - E-Money – FIAT Currency, E-Money classification, Advantages of E-Money. Digital Currencies, Crypto Currencies -Introduction, Digital Disruption in E-Money Market. 2.2- Modern Digital Payment trends – Credit/Debit Cards, QR Code Scanners, Mobile point of sale, NEFT and RTGS. Contactless Payments – Samsung Pay/Apple Pay and use of NFC Technology. 2.3 - Unified Payment Interfaces (UPI) and Mobile Wallets Role of modern digital payment systems and Challenges faced in Indian Retail Sector.	• To understand the concept of digital currencies. • To understand various modern digital payment systems used in E-commerce.
3	**Role of E-Marketing**	3.1- Search Engine Optimization (SEO), Content Marketing, Pay Per Click (PPC) Advertising, Business E -Branding Social Media Marketing and Analytical tools used, Internet Banking, Mobile Retailing. 3.2 - Use of Artificial Intelligence and Augmented Reality – Programmatic Advertising, Chatbots, Conversational marketing, Home assistants, Messaging apps, Personalized marketing, Website Designing. 3.3 - Visual Search – Social Media Stories, Google lens, Blogs, Use of user-generated content, Privacy Marketing, Semantic Keyword search, Neuro-marketing.	• To understand various tools and techniques used in E-Commerce. • The role of modern tools used in E-marketing.

4	**Cyber Security and Technology**	4.1 - Cyberwarfare - Automotive hacking, Cloud services vulnerability, Mobile Hacking. Data Privacy as a discipline, Insider threats, Phishing, ATM frauds. 4.2- Cyber Crimes – Financial Frauds, Defamation, Copyrights, Spying of Trade Secrets, Infringement of IT property, Digital Signature. 4.3 - Social Media Crimes, Data Theft, Transfer of data without permission, Spread of Virus/worms, Trojans, Child Pornography, Forgery, Anti-National posts, Cyber-crime against government institutions. 4.4 - Information Technology Act -2000: Role, Need and Importance, Software development and legal issues, Shrink-wrap contracts.	• To understand the concept of cyber warfare and crimes that took place in cyberspace. • To understand the role of IT Act -2000 with the Indian context.

Teaching Methodology

Teaching Hours Theory + Tutorials /Project Practical	Innovative methods to be used	Expected Outcome
Unit 2- 12 hours	Students' Presentations Case Studies on various business E-Commerce Models.	Understanding of the Role of E-Commerce Industry and the utility of E-Commerce models.
Unit 3- 12 hours	Students' Presentations Videos on success stories of UPI applications Case Study on Paytm, PhonePe, Google Pay etc.	Understanding of the working of the E-Commerce transactions in E-Commerce and its Utility.

Unit 4 - 12 hours	Students' Presentations Group Discussions on the role of modern E-Commerce modes. Case Studies on the use of Artificial Intelligence and Augmented Reality in E-Commerce.	Understanding the recent e-marketing tools and their utility. Understanding the role of technology in the modern E-Commerce sector.
Unit 1- 12 hours	Students' Presentations on building awareness in Cybersecurity and the Information Technology Act 2000. Video Sessions on potential threats of cyber techniques and hacks and measures to avoid it.	Understanding the scope of cybersecurity and technology. Understanding the need for cybersecurity and its implementation.

Evaluation

Subject	**Internal Evaluation (30Marks)**	**External Evaluation** (70 Marks)
Unit – I	MCQ Test, Open Book Test Group Presentations on E-Commerce Concepts and their Role.	**25% MCQs** **35% Short Notes** **45% Long Answers**
Unit – II	MCQ Test Group Presentations on E-Commerce Transaction systems., Assignments	
Unit – III	MCQ Test, Individual/Group Presentations on E-Commerce tools and techniques.	
Unit – IV	MCQ Test, Assignments, Individual / Group Presentations on Cyber Security and Technology.	

Suggested references

Sr. No.	Title of the Book	Author/s	Publication	Place
1	E-Commerce – An Indian Perspective	S.J.P.T. Joseph	PHI Learning Pvt. Ltd.; 6th edition (10 October 2019)	India
2	E-Commerce	Shruti Mathur	Pinnacle Learning (1 January 2020)	India
3	E-Commerce Concepts- Models – Strategies.	C.S.V. Murthy	Himalaya Publishing House	India
4	E-Business and E-Commerce Management	David Chaffey	Pearson Education – 5th Edition	India
5	Ecommerce Unmasked: Hidden Secrets to fight Online battles. (Online Edition)	Rekha Chandulal	Rekha Chandulal; 1st edition (30 January 2015)	India
6	E-Commerce – Strategy Technology and Applications	David Whiteley	McGraw Hill Education (1 July 2017)	India
7	Electronic Commerce – Framework Technologies and Applications	Bharat Bhasker	McGraw Hill Education; Fourth edition (1 July 2017)	India

SavitribaiPhule Pune University
Question paper Pattern 2019 for TY BBA
University Examination Sub: Essentials of E-Commerce
Course Code - 601

Q. No.	Compulsory / Choice	Nature of Question	Marks	Total Marks
1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	5	20 Marks
		Match the Pairs	5	
		Answer in one sentence	5	
		Fill in the blanks	5	
2	Solve any 3 out of 5	Long Answer Question	3*10 Marks	30 Marks
3	Solve any 4 out of 6	Short Notes	4*5 Marks	20 Marks
	Total			70 Marks

Savitribai Phule Pune University
TY BBA Semester VI (CBCS) Pattern 2019
Course: Management Information System
Course code GC 602
Credit 3

Depth of the Course- Reasonable Working knowledge of E-Commerce Management.

Course Objectives

1. To describe the basic concept of Information Technology and Management Information System.
2. To describe the role of information technology and information systems in business.
3. To contrast and compare how MIS support business processes.
4. To introduce the fundamental knowledge of Structured SystemAnalysis and Design.

Unit No.	Unit Title	Contents	Purpose & Skills to be developed
1	**Basic Concepts of Information Technology and Management Information System**	1.1 Meaning and basic concept of Information Technology, 1.2 Meaning and basic concept of Information System 1.3 Meaning and basic concept of Management Information System 1.4 Role of Information Technology in Management Information System 1.5 Management Information System as an instrument for organizational change.	• To understand the basic concept of Information Technology and Management Information Technology. • To make students understand the role of Information Technology in Management Information System. • To make students understand how MIS can be used as an instrument for Organizational Change.
2	**Decision Making and Information**	1.5 Decision Making 1.6 Models of Decision Making, 1.7 Classical Model, 1.8 Administrative Model and 1.9 Herbert Simon's Model 1.10 Information	• To make students understand the models of Decision Making and their application Decision-Making Process. • To provide sound knowledge about types of Information. • To make students aware of attributes of

		1.11 Types of information, 1.12 Attributes of Information and its relevance to decision making.	Information and its relevance to Decision Making.
3	**System Analysis and Design**	1.1 System 1.2 Meaning and definition 1.3 System Analysis 1.4 Meaning and definition of system analysis 1.5 Need for system analysis, 1.6 System analysis of the existing system, 1.7 System analysis of new requirements, 1.8 System Development Model, 1.9 Structured System Analysis and Design 1.10 Object-Oriented Analysis.	• To explain to students the concepts of System, System Analysis. • To inculcate knowledge of the different System Development Model. • To inculcate the knowledge of Structured System Analysis and Design among students.
4	**Information system applications**	a. MIS applications, b. DSS – GDSS - DSS applications in E enterprise, c. Knowledge Management System and Knowledge-Based Expert System, d. Enterprise Model System and E-Business, e. E-Commerce, f. E-communication, g. Business Process Reengineering.	• To make students understand the application of MIS in an enterprise. • To provide sound knowledge about DSS – GDSS - DSS applications in E enterprise. • To find out the relation between Enterprise Model System and E-Business.

Teaching Methodology

Teaching Hours Theory + Tutorials /Project Practical –as applicable	Innovative methods to be used	Expected Outcome
Unit 1- 12 hours	• Traditional classroom lectures • Preliminary presentation from students on Information Technology and Management	• Great gains in content knowledge, skill acquisition, and overall confidence and comfort for understanding the basic concept

	Information Technology. • Assignment.	of MIS. • Students active participation in an understanding of Information Technology and Management Information Technology.
Unit 2- 12 hours	• Traditional classroom lectures • Role-plays • Group Discussion • Caselets solution	• The shift towards student-centeredness significantly enhanced students' learning through the use of interactive small group activities and a high level of discussion and interaction.
Unit 3- 12 hours	• Traditional classroom lectures • Lab practice • Guest Lecture from System Analyst and Designer.	• Practical Knowledge Acquisition about System Analysis and Design
Unit 4 - 12 hours	• Traditional classroom lectures • Lab practice • Guest Lecture from expert • Caselets solution	• A better understanding of different applications in an enterprise through lab practice and Expert's Guest Lecture.

Evaluation

Unit Number	Internal Evaluation Evaluation of students based on	External Evaluation
I	Students active participation in presentation and assignment submission	**25% MCQ** **35% short notes** **40% long answers**
II	Active participation in Role-Plays and Group Discussion Caselets solution	
III	Active participation in Lab practice Guest Lecture attendance	
IV	Active participation in Lab practice Guest Lecture attendance activities Caselets solution	
Total – 30 Marks		**70 Marks**

Suggested references

Sr. No.	Title of the Book	Author/s	Publication
1	Management Information Systems	Jawadekar, W.S.	Tata McGraw Hill Private Limited
2	Management Information Systems	Kenneth C. Laudon and Jane P. Laudon	Pearson Education
3	Management Information System	Goyal, D.P	MACMILLAN India Limited
4	Management Information System	Davis and Olson	Tata McGraw Hill Private Limited
5	Decision Support Systems and Intelligent Systems	Turban and Aronson	Pearson Education Asia
6	Management Information System	Murthy C.S.V	Himalaya Publications
7	Management Information Systems	James A. O' Brien, George M. Marakas	Global McGraw Hill
8	Information Systems The Foundation of E-Business	Steven Alter	Pearson Education

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Question paper Pattern 2019 for TY BBA
University Examination Sub: Management Information System
Course Code - 602

Q. No.	Compulsory / Choice	Nature of Question	Marks	Total Marks
1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	5	20 Marks
		Match the Pairs	5	
		Answer in one sentence	5	
		Fill in the blanks	5	
2	Solve any 3 out of 5	Long Answer Question	3*10 Marks	30 Marks
3	Solve any 4 out of 6	Short Notes	4*5 Marks	20 Marks
	Total			70 Marks

SavitribaiPhule Pune University
TY BBA –Semester VI (CBCS) Pattern 2019
Course: Business Project Management
Course Code- GC 603
Credits – 3

Depth of the Course- Intermediate knowledge & Insights in Project Management.
Course Objectives:

1. To develop a significant understanding of Project Management.
2. To develop a concept based approach towards Management of Business Projects.
3. To develop the relationship between the significance of Businesses Projects & their Management.

Unit No.	Unit Title	Contents	Purpose & Skills to be developed
1	**Introduction to Project Management**	1.1 Defining Business Project Management 1.2 Exploring opportunities in the project management field 1.3 Developing Project management skills 1.4 Categorising different types of Business Projects 1.5 Understanding the difference between Projects & Programmes.	• To understand the role & importance of Management in Business Projects. • To develop the skills of managing Business Projects.
2	**Planning & Implementing your Project**	1.1 Planning a Project 1.2 Developing a Business Project Management Plan 1.3 Assessing the feasibility of a Project 1.4 Identifying & Managing the Risk 1.5 Managing a Project & Setting up a Project Database. 1.6 Creating an effective work schedule 1.7 Monitoring a business project 1.8 Managing Change 1.9 Address of Problems	• To develop conceptual clarity in Planning & Implementation of Business Projects. • To develop the quest of taking calculated risks towards Managing the Business Projects.

3	**Business Project Management Techniques**	a. Identifying Organisational Structures b. Estimation of Costs & Budget c. Using CPM tools (Gantt Chart, WBS, Project Network Diagram) d. Establishing the CPM e. Implementing PERT Tool f. Using Process improvement tools (Fishbone, SIPOC)	• To provide an understanding of the tools & techniques necessary to effectively manage & control the projects in businesses. • To understand the relevance of a technique-based project management system in the success of business projects.
4	**Managing Project issues & their commencement**	4.1 Identifying Project Costs 4.2 Calculating Return on Investment (ROI) 4.3 Calculating the Payback Period 4.4 Determining Net Present Value (NPV) 4.5 Identifying the life cycle of a Project 4.6 Handling over a Project 4.7 Closing a Project 4.8 Reviewing a Project	• To develop the basic understanding behind Business Project Issues & strategies for its addressal. • To develop a mindset of calculation-based business projects to minimise the chances of its failure.

Teaching Hours - Theory	**Innovative methods to be used**	**Expected Outcome**
Unit 1- 12 hours	Group-wise discussion to understand the nuances of Business Projects &its need for Management	To have an adequate understanding of the subject their various perspectives.
Unit 2- 12 hours	Unguided sessions based upon case studies, in which strategies are adopted by project-specific organisations.	To help students develop a cognizance towards Project-specific strategy building & its effectiveness.
Unit 3- 12 hours	Adoption of Project-based learning through dummy projects of the business.	To develop the hands-on training mindset amongst the students.
Unit 4 - 12 hours	Analysis of project-related issues and their solutions through case-based learning	To develop the solution-based approach amongst the management students towards problem-solving.

Evaluation :

Subject	Internal Evaluation	External Evaluation
Unit – I	Group Discussion	25% MCQ 35% short notes 40% long answers Fill in the blanks True and False Short answer question -25% Short notes - 35% Long answer questions -40%
Unit – II	Powerpoint Presentations on sub-points	
Unit – III	Simulation of Projects	
Unit – IV	1. Role Play. 2. 2. Case-lets Solution & Discussion	
	30 Marks	**70 Marks**

Suggested References

Sr. No.	Title of the Book	Author/s	Publication	Place
1.	Strategic Project Management	Terry Schmidt	John Wiley & Sons	Mumbai & Pune
2.	Project Management: A Systems approach	Harold Kerzner	Wiley	Mumbai, Delhi
3.	Project Management	V.E. Rama Reddy & P Gopalakrishnan	Trinity	Mumbai
4.	Project Planning & Control	James Lewis	McGraw Hill	Mumbai, Pune & Delhi

SavitribaiPhule Pune University
Question paper Pattern 2019 for TY BBA
University Examination Sub: Business Project Management
Course Code - 603

Q. No.	Compulsory / Choice	Nature of Question	Marks	Total Marks
1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	5	20 Marks
		Match the Pairs	5	
		Answer in one sentence	5	
		Fill in the blanks	5	
2	Solve any 3 out of 5	Long Answer Question	3*10 Marks	30 Marks
3	Solve any 4 out of 6	Short Notes	4*5 Marks	20 Marks
	Total			70 Marks

SavitribaiPhule Pune University
TY BBA –Semester VI (CBCS) Pattern 2019
Course: Management of Innovations and Sustainability
Course Code GC 604
Credits – 3

Depth of the Course: Reasonable Practical Knowledge of various core aspects concerning subject concepts.

Course Objectives:

1. To understand the concepts of Innovation and Sustainability in a practical sense.
2. To better know the significance of organisational sustainable development and the economic implications of sustainable development.
3. To learn about the most common errors made when handling sustainable growth.
4. To understand the concept of Sustainability Innovation. Understand socio-political aspects of sustainable development – social responsibility aspect.

Unit No.	Unit Title	Contents	Purpose & Skills to be developed
1.	**Management of Innovation Sustainability: An Introduction**	1.1 Introduction 1.2 Defining innovation 1.3 Approaches to innovation 1.4 Differences between invention and innovation 1.5 Product innovation and process 1.6 Technological innovation, commercial or organizational Innovation 1.7 Indicators Characteristics of innovation in different sectors 1.8 Sustainable innovation 1.9 Defining Sustainability Innovation 1.10 Sustainability as Key Driver of Innovation 1.11 Innovation for Sustainable Development	• Clarify the concept of Innovation • Understanding the relation between Innovation and Sustainability • Introduction to a management approach to Innovation • Highlight on Changing views of innovation over time • Focusing on Sustainable development and its long-term benefit • Students can Practically understand the concepts of Innovation and Sustainability
2.	**Managing Innovation with Firms& Strategies and Concepts for Innovation**	.1 Organisation and Innovation .2 The dilemma of Innovation Management .3 Organisational characteristics that facilitate the innovation process	• To Identify the factors organisations have to manage to achieve success in Innovation • To Identify the activities performed by key individuals in the management of Innovation.

		.4 Organisation structure and Innovation .5 The role of Individual in the Innovation Process .6 IT System and Their Impact on Innovations .7 The innovation imperative: Why innovate	• To highlight Strategies for innovation and its implementation • Understanding Management of Innovation in a practical sense
3.	**Service Innovation and Sustainability Innovation in Business**	3.1 The Growth in Service 3.2 Different Types of Services 3.3 Characteristics of service and how they differ from product 3.4 Classification of Service innovation 3.5 Service innovation and the consumer 3.6 Energy and Materials: New Challenges in the First Decade of the Twenty-first Century 3.7 Defining Sustainability Innovation	• Understanding the scope and complexity of the challenges that have recently spurred sustainability innovation concerning energy and materials. • Gain insight into the fundamental drivers creating opportunities for entrepreneurs and new ventures in the sustainability innovation arena. • Begin to apply the basic ideas and concepts of sustainable design.
4.	**Management of sustainable development**	4.1 Economic aspects of sustainable development 4.2 Socio-political aspects of sustainable development 4.3 Ecologic aspects of sustainable development 4.4 Green organisations	• A better understanding of several aspects of sustainable development • Being able to explain their viewpoints and decisions, work in groups and accept and take into account criticism and comments

Teaching Hours Theory + Tutorials /Project Practical	Innovative Methods to be used	Expected outcome
Unit 1- 12 hours	Interactive Sessions followed by feedback, Role Play for various types of entrepreneur.	It enables students to learn the basics of Entrepreneurship and entrepreneurial development which will help them to provide the vision for their Start-up.
Unit 2- 12 hours	Group Discussion and Brain Storming sessions for the generation of innovative ideas. Theory lectures for conceptual understanding.	Development of interest and positive approach towards entrepreneurship and new start-ups.
Unit 3- 12 hours	Use of PPT for better understanding of various financial institutions and Schemes	Ability to collect relevant data and its analysis and interpretation.
Unit 4 - 12 hours	Arranging Sessions of experts from the service industry (Guest lecture series), Presentations by students for self-learning.	Understanding key aspects of success and failure of businesses.

Evaluation:

Subject	Internal Evaluation	External Evaluation
Unit – I	Continuous assessment based on criteria such as Presentations Class Tests Practical Assignments as suitable for each unit	25%MCQ, Short notes-35%, Long answers- 40%
Unit – II		
Unit – III		
Unit – IV		
	30 Marks	**70 Marks**

Suggested References: -

Title of the Book	Author/s	Publication	Place
Innovation Management & New Product Development	Paul Trott	Pearson	Netherland
Sustainable Economic Development and Environment	Raj Kumar Sen, Kartik C. Roy	Atlantic Publishers and Distributors Pvt. Ltd.	India
Sustainability Management	Deb Prasanna Choudhury	Zorba Books	India
Sustainable Development and Environment	Snigdha Tripathi	Ankit Publication	India
Concepts and Approaches for Sustainability Management	Khai Ern Lee	Springer International Publishing	Switzerland AG

SavitribaiPhule Pune University
Question paper Pattern 2019 for TY BBA
University Examination Sub: Management of Innovations and Sustainability
Course Code - 604

Q. No.	Compulsory / Choice	Nature of Question	Marks	Total Marks
1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	5	20 Marks
		Match the Pairs	5	
		Answer in one sentence	5	
		Fill in the blanks	5	
2	Solve any 3 out of 5	Long Answer Question	3*10 Marks	30 Marks
3	Solve any 4 out of 6	Short Notes	4*5 Marks	20 Marks
	Total			70 Marks

Savitribai Phule Pune University
TY BBA Semester VI (CBCS) Pattern 2019
Course: International Brand Management
Course Code-DSE A 605 MM
Credit – 3 + 1 = 4

Depth of the Course- Fundamental knowledge of Brand Management in the International Market

Course Objectives :

1. To develop students' understanding of the concept of developing brands
2. To develop students' understanding of the concept of brand equity
3. To develop students' understanding of the strategies in managing brand portfolios

Unit No.	Unit Title	Contents	Purpose & Skills to be developed
1	**Understanding Brand**	1.1 Introduction, Brand concepts, 1.2 Purpose of Brands, 1.3 Characteristics of strong brands, 1.4 the purpose of branding, 1.5 fundamental concepts of branding	• The module aims to familiarize the students with the key conceptual foundations of developing and managing a strong brand.
2	**Developing Brand**	2.1 Process and methods of developing brand elements, 2.2 creating brand associations and introducing a new brand in the international market, 2.3 identify effective marketing and marketing communications strategies,	• The module introduces the process of creating a brand. • Designing marketing/marketing

		2.4 Including the use of social/digital platforms, 2.5 Design marketing and marketing communications programs that build brand equity in the international market	communications programs that effectively communicate the desired brand identity to target markets
3	**Evaluating Brand**	3.1 Processes and methods of measuring brand performance, 3.2 Qualitative and quantitative tools for measuring brand image and strength, 3.3 Interpret brand performance data, Brand evaluation plans in the international scenario	• The module reviews the methods of measuring and interpreting brand performance.
4	**Managing Brand**	4.1 Concepts and tools for managing brands over time, international geographic areas, and market segments, 4.2 Consumer-brand relationships, Strategic alliances, Brand portfolios, and Brand repositioning/revitalization.	• The module focuses on the stewardship and management of brands over time, geographic areas, and market segments. It covers the strategies for more established brands as they attempt to grow and stay relevant over time.

Teaching methodology

Teaching Hours Theory + Tutorials /Project Practical	Innovative methods to be used	Tutorial/ Projects for 1 Credit	Expected Outcome
Unit 1- 12 hours	Students' Presentations or Role play on brand concepts, Video Sessions on International Brands	• Assignment on the characteristics of International Brand concerning its strengths and challenges • Assignment on developing a new brand for International Markets • Group discussions on International Brand performances	Understanding of basic Brand Concepts
Unit 2- 12 hours	Case Studies on International Brands, Group Discussions on Brand Development in the International circuit		Understanding the process of Brand Development
Unit 3- 12 hours	Presentations or Role play on International Brand comparisons measuring performance data,		Understanding the concept and process of Brand Evaluation
Unit 4 - 12 hours	Case Studies, Group Discussions on the Success and Failures of International Brands		Understanding Brand Management
Tutorial 15 hours			

Evaluation

Subject	Internal Evaluation	External Evaluation
Unit – I	MCQ Test Open Book Test	**25% MCQs** **45% Short Answers** **30% Long Answers**
Unit – II	MCQ Test Group Presentations	
Unit – III	MCQ Test Group Discussions	
Unit – IV	MCQ Test Group Presentations Assignments	
Total	30 +20 Marks	50 Marks

Suggested references

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Strategic Brand Management	Isaac C. Jacob Kevin Lane Keller, Vanitha Swaminathan, Ambi M.G. Parameswaran	Pearson Education; Fifth edition	India
2	The New Strategic Brand Management: Advanced Insights and Strategic Thinking	Jean-Noël Kapferer	Kogan Page; 5th edition	London, UK

3	Strategic Brand Management: Building, Measuring, and Managing Brand Equity	Kevin Keller, Vanitha Swaminathan	Pearson; 5th edition	India
4	Brand Management: Co-creating Meaningful Brands	Michael Beverland	SAGE Publications Ltd; 1st edition	USA
5	The Origin of Brands: How Product Evolution Creates Endless Possibilities for New Brands	Al Ries, Laura Ries	Harper Business; New edition	USA

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Question paper Pattern 2019 for TY BBA
University Examination Sub: International Brand Management
Course Code – DSE A 605

Q.No.	Compulsory / Choice	Nature of Question	Marks	Total Marks
1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	5	10 Marks
		Match the Pairs	5	
2	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
3	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
4	Solve any 4 out of 6	Short Notes	4*5 Marks	20 Marks
	Total			**50 Marks**

SavitribaiPhule Pune University
TY BBA –Semester VI (CBCS) Pattern 2019
Course: Cases in Marketing Management + Project
Course Code- DSE A 606 MM
Credit - 2+4 = 6

Depth of the Course- Functional Working Knowledge
Course Objectives: To understand the application of theory into practice.

Note: 1. The case study examination paper will be for 2 credits and the Internship and project report along with viva voce will be for 4 credits.

Unit No.	Unit Title	Contents	Purpose & Skills to be developed
1	**Case Study – Introduction**	1.1 Case – Meaning – Objectives of Case Studies 1.2 Characteristics & Importance of Case Studies 1.3 Guidelines for Case Studies & Cases Discussion.	• To make student know the gist of the case study and way of attempt or solution
2	**Areas of Case Study**	2.1 Product Mix with PLC 2.2 Price Mix – Elements in Price Mix, Factor affecting Pricing, Pricing Methods. 2.3 Place Mix – Physical Distribution Management System, Types, Intermediaries, strategies, trends in SCM. 2.4 Promotion Mix – Elements, Advertising, Media Mix, AIDA, DAGMAR, IMC. 2.5 Extended Ps of Marketing Mix 2.6 New Product Development 2.7 Product Extension and Product Diversification. 2.8 Traditional Marketing and Modern Marketing 2.9 Rural Marketing	• To develop the ability about getting acquainted with the theory and its application in a real-life scenario. • To make students know about recent happening in marketing. • To understand the challenges faced/confronted in recent times

		2.10 Services Marketing 2.11 Organised&Unorganised Retail Marketing 2.12 E-Marketing and Digital Marketing 2.13 Green Marketing 2.14 Market Segmentation 2.15 Targeting 2.16 Positioning and Niche Market	

Innovative methods to be used	Expected Outcome
Lectures/Case studies/Discussion/videos/ Role Plays	Students shall understand the challenges faced by the people and organisations in the day to day work life. They shall understand the techniques and solutions to overcome those challenges.

Evaluation:

Project Report Evaluation	External Evaluation
Students must undergo for internship - Refer Internship manual For external evaluation, there will be a viva voce. Such viva-voce shall be conducted by a referee appointed by the University along with an internal referee.	Case study based The external evaluation will be done based on an examination paper comprising of Case studies to solve for a maximum of 50 marks 15*3 cases 5*1 short note
Having gone through all the topics, students have to be given cases to solve and are asked to submit a soft copy in PDF and PPT to college.	

Project Report- 30 marks &Viva Voce - 20 marks = Total Marks 50	**50 Marks**

Suggested references

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Marketing Management	Philip Kotler&keven lane keller	Pearson India	South Asia
2	Case Study Solutions Marketing	H. Kaushal	Lakshmi	New Delhi
3	Marketing Management	V. S. Ramaswamy , S. Namakumari	Macmillan	New Delhi
4	Foundational Of marketing	John Fahy& David Jobber	Tata McGraw Hill	New Delhi
5	Marketing In India Text and cases	S. Neelamrgham	Vikas Publication	New Delhi
6	Marketing - Cases Insights	Paul Baines, Chris Fill, Kelly page Piyush K. Sinha	Oxford	New Delhi

Savitribai Phule Pune University
T.Y. BBA Semester VI (CBCS) Pattern 2019
Discipline-Specific Electives (DES- B- FM)
Course Title – Financial Management
Course Code-DSE B 605 FM
Credits –3+1=4

Depth of the Course- Functional knowledge of banking Operations and various Regulatory Authorities in India.

Course Objectives

1. To know various sources of finance of business
2. To study and understand the capital structure of the company and its cost of capital
3. To study optimum capital mix & concept of over capitalisation& undercapitalization.

Unit No.	Unit Title	Contents	Purpose & Skills to be developed
1	**Sources of Finance**	1.1 Long term Sources of Finance- Owned Funds & Borrowed Funds, Equity shares, Preference Shares, Debentures, Term Loan, Lease Financing, Hire Financing 1.2 Short term Sources of Finance- Bank overdraft, Cash Credit, Bills Discounting, Ploughing back of Profit,	• To understand various sources of finance for raising capital /funds required for the business. By studying various sources of finance analytical & reasoning skills will be developed.
2	**Capital Structure**	2.1 Meaning, Concept, Importance, 2.2 Factors affecting Capital Structure-Internal Factors, External Factors & General Factors 2.3 Cost of Capital- Meaning, weighted Average Cost, Operating leverages, 2.4 Financial leverages, Combined Leverages (Problem on Leverages)	• To understand the proportion of borrowed capital & owned capital, considering their cost of capital. It helps to develop calculative & mathematical skills.
3	**Capitalisation**	3.1 Meaning, Modern Concept of Capitalisation, Need, 3.2 Under capitalisation-Meaning, Causes & Remedies	• To understand the process of undercapitalization & overcapitalization. It helps to develop professional & problem-solving skills.

		3.3 Over Capitalisation- Meaning, Causes, &Remedies	
4	**Capital Budgeting**	4.1 Meaning, 4.2 Techniques of Capital Budgeting, 4.3 Mutually Exclusive Proposals	• To understand the process of evaluation of mutually exclusive proposals. It helps to evaluate different investment proposals through experiential learning.

Teaching Methodology

Teaching + Tutorials Hours	**Innovative methods to be used**	**Tutorials /Project for 1 credit**	**Expected Outcome**
Unit 1- 12 hours	Lecture method, Classroom discussion based on PPT, Case study, Participative learning	Study of different sources of finance available in Public Limited Companies. Students can collect the information of sources of finance of Automobile/Pharma/ Textile/IT/Power/Steel/FMG/Petrochemicals etc.	To understand various sources of finance for raising capital /funds required for the business
Unit 2- 12 hours	Problem Solving, Participative Learning, Peer Learning & Classroom Discussion.		To understand the proportion of borrowed capital & owned capital, considering their cost of capital
Unit 3- 12 hours	Participative Learning, Peer Learning & Classroom Discussion.		To understand the process of undercapitalization & overcapitalization
Unit 4 - 12 hours	Problem Solving, Participative Learning, Discussion on Expert lecture, Peer Learning & classroom Discussion.		To understand the process of undercapitalization & overcapitalization
Tutorial 15 hours			

Note- Faculty can assign separate industry to each student for practical. Students can study 5 to 6 different companies of the same industry of sources of finance.

Evaluation

Internal Evaluation	**External Paper Pattern (50 Marks)**
MCQ/ long question/ short notes	**Q.1 A Fill in the blanks (5M)** **Q.2 A Write Short Notes (Any 3) (15M)** **Q.3 Long Answer (option can be given) (15M)** **Q.4 Problems on leverages (15M)**
MCQ/Long questions/ problem/ short notes	
MCQ/Long questions/ problem/ short notes	
MCQ/Long questions/ problem/ short notes	
30+ 20 marks for project= 50 Marks	**50 Marks**

Suggested references

Sr. No.	**Title of the Book**	**Author/s**	**Publication**	**Place**
1	Financial Management	I.M.Pandey	Vikas	New Delhi
2	Financial Management	Ravi.M.Kishore	Taxman	New Delhi
3	Financial accounting &Analysis	P.Prem Chand & Madan Mohan	Himalayan Publication House	New Delhi
4	Financial Management	Prasanna Chandra	Tata McGraw Hill	New Delhi
5	Financial Management	Khan & Jain	Tata McGraw Hill	New Delhi

Savitribai Phule Pune University
T.Y. BBA Semester VI (CBCS) Pattern 2019
Course Title – Cases in Finance +Project
Course Code- DSE B 606 FM
Credit- 2+4=6

Depth of the Course: Application-based Knowledge of core areas of finance.

Course Objectives:

1. To Study &understand the core areas of finance.
2. To study the practical applications of finance.
3. To prepare project reports based on the internship & understanding of core areas of finance.

Unit No.	Unit Title	Contents	Purpose & Skills to be developed
1	**Fund Raising & Capital Budgeting**	1.1 Fund Raising: Meaning, Importance, Process. (Theory) 1.2 Investment Decisions: Long term, Medium-term, Short Term, its importance (Theory) 1.3 Capital Budgeting: Meaning, Importance, Types (Practical cases)	• To understand the importance of fundraising. • To study & understand the practical applications of Capital Budgeting.
2	**Working Capital Management**	2.1Working Capital:- Meaning, Importance, Cases on Working capital.	• To understand the concept &importance of Working Capital Management. • To study & understand the practical applications of Working Capital.
3	**Cost of Capital**	3.1 Return of Capital Employed (ROCE): Meaning, Importance (Theory) 3.2 Return on Investment: Meaning, Importance. (Theory)	• To study & understand the basics of ROCE, ROI & Cost of Capital. • To study & understand the practical applications of Cost of Capital.

		3.3 Cost of Capital: Meaning, Importance, Cases on Cost of Capital	
4	**Project Report**	Project-based on core areas of finance/ based on internship. (Refer to the suggested topics given below) Internship guidelines are attached separately	• To study & understand implications of selected core areas of finance under study. • To give insights based on data collection & data analysis to the students. • To inculcate research culture among students through conducting research in finance.

Teaching Methodology

Teaching Hours Theory + Tutorials /Project Practical –as applicable	**Innovative methods to be used**	**Expected Outcome**
Unit 1- 12 hours	Group Discussion, Assignments. Case Study.	To understand the fundamentals of fundraising.
Unit 2- 12 hours	Case Study, Group Discussion.	To understand the practical applications of capital budgeting.
Unit 3- 12 hours	Case Study, Group Discussion.	To understand the practical applications of Cost of Capital.
Unit 4 - 24hours	Project Report under the guidance of the Subject teacher.	To understand the research-based outcomes of core areas of finance based on internship.

Evaluation

Internship	External Evaluation
30 Marks for Projects + 20 Marks for viva = 50 Marks	Problems and Case studies = 50 Marks

Suggested Topics for Project: -

1. Projected financial statements to be submitted to the bank for a loan proposal.
2. Analysis & interpretations of financial statement with the help of Techniques like
3. Ratio analysis, Fund flow Analysis, Cash flow Analysis.
4. Project-related Insurance sector.
5. Working Capital Management.
6. Any other topic related to core areas of finance based on internship by students.

Suggested References:

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Capital Market in India	E. Gordon, K. Natarajan	Himalaya Publishing House	Mumbai
2	Guide to Indian Capital Market	Sanjeev Aggarwal	Bharat Law House	Delhi
3	The Indian Financial System	Vasant Desai	Himalaya	Delhi
4	Financial Services and Markets	Dr. S.Gurusamy	Thomas	Delhi
5	Guide to Financial Management	John Tennent	The Economist	Delhi
6	Indian Financial Systems	M.Y. Khan	Tata McGraw Hill.	Delhi
7	Corporate Finance Management	Glen Arnold	Pearson	Delhi
8	Fundamentals of Financial Management	Vyuptakesh Sharan	Pearson	Delhi

Savitribai Phule Pune University
TY BBA Semester VI (CBCS) Pattern 2019
Global Human Resource Management
Course code DSE C 605 HRM
Credit 3+1=4

Depth of the Course- Fundamental knowledge

Course Objectives:

1. To understand the concepts, theoretical framework, and issues of HRM in Global Perspective
2. Identify and Understand issues and practices about the major HRM functions within the context of the global environment.
3. To learn how to conduct strategic human resource management in an international setting.
4. To learn how companies manage their expatriates.
5. To look at HRM in a broader, comparative, and international perspective to deal with complex issues and manifold risks.
6. To study understanding of international approaches to dealing with people in organizations.

Unit No.	Unit Title	Contents	Purpose & Skills to be developed
1	**Introduction to Global HRM**	1.1 Meaning and definition of Global HRM, 1.2 Features of Global HRM, 1.3 Objectives of Global HRM, 1.4 Development of Global HRM, 1.5 Significance of Global HRM in International Business 1.6 Categorization of countries and employees in the concept of Global HRM 1.7 Difference between Global HRM and Domestic HRM	• To introduce the students to the study and the practice of Global HRM. • To learn the development of Global HRM. • To review the significance of Global HRM in International Business. To make students understand the difference between Global HRM and Domestic HRM.
2	**Global HR Functions-I**	2.1Global Staffing, 2.2 The role of expatriates and non-expatriates, 2.3 Staffing Policy Approaches in International HRM 2.4 Recruiting staff for Global Assignment	• To provide information about Global Workforce Management functions.

		2.5 Global labour market 2.6 Global Recruitment function; head-hunters, cross-national advertising, e-recruitment; 2.7 Selecting staff for Global Assignment 2.8 Criteria and techniques,	• To get insights into the concepts of Expatriates and Non- Expatriates • To inculcate knowledge of the concept of Global Recruitment and Selection. • To understand the Global Staffing issues.
3	**Global HR Functions-II**	**Global Training& Development** 3.1 Meaning definition, 3.2 Objectives, 3.3 Importance, 3.4 The role of expatriate training, 3.5 Key components of effective pre-departure training, 3.6 Developing staff through international assignments, 3.7 Barriers in Global Training & Development 3.8Global CompensationMeaning & definition,Objectives, 3.9 Key components of Global Compensation program, 3.10 Approaches to Global Compensation 3.11 Barriers in Global Compensation	• To provide information about Global Workforce Management functions. • To make students understand the concepts of Global Training & Development, Global Compensation and Global Performance Management. • To make students aware of barriers in Global Training & Development, Global Compensation and Global Performance Management.
4	**Global HRM Trends and Future Challenges**	4.1 Strategic HRM in multinational enterprises, 4.2 Ethics-related challenges for the HR function of the multinational enterprise 4.3 Challenges in an uncertain world: Safety, security and counterterrorism 4.4 The evolving role of the HRM function in MNCs Role of Technology in Global HRM Knowledge Management and Global HRM	To provide sound knowledge about strategic HRM and Ethics related challenges for the HR functions in multinational enterprises. To make students aware of technology in Global HRM. To make students understand the relationship between Knowledge Management and Global HRM.

Teaching Methodology

Teaching Hours Theory + Tutorials /Project Practical –as applicable	Innovative methods to be used	Tutorial/Project	Expected Outcome
Unit 1- 12 hours	• Traditional classroom lectures • Preliminary presentation from students on study and practice of Global HRM. • Assignment.	• Caselets from MNC's on successful expatriation • Designing an e-recruitment campaign using various methods and mediums for E-recruitment • Comparison between techniques of international selection and domestic selection. • Comparative study of various cultures of different nations with respect to work ethics, time and job performance **Tutorial 15 hours**	• Great gains in content knowledge, skill acquisition, and overall confidence and comfort for major concepts in understanding the concept of Global HRM. • Students' active participation in understanding Global HRM.
Unit 2- 12 hours	• Traditional classroom lectures • Role-plays on **expatriates and non-expatriates.** • Group Discussion • Caselets solution • Guest Lecture from any MNC's Recruitment and Selection HR Manager		• The shift towards student-centeredness significantly enhanced students' learning through the use of interactive small group activities and a high level of discussion and interaction. • Practical Knowledge Acquisition about Global Recruitment and Selection.
Unit 3- 12 hours	• Traditional classroom lectures • Group Discussion • Caselets solution • Guest Lecture from any MNC's HR Manager		• Practical Knowledge Acquisition about Global Training &Development, Global Compensation and Global Performance Management.
Unit 4 - 12 hours	• Traditional classroom lectures • Debate activity on Global Safety, security and counterterrorism • Role-play on the evolving role of the HRM function in MNCs.		• A better understanding of Global HRM Trends and Future Challenges through students activities.

	• Caselets solution		

Evaluation

Unit Number	Internal Evaluation		External Evaluation
	Evaluation of students based on	Marks	
I	3 Student's active participation in presentation and assignment submission.		
II	4. Student's active participation in Role-Plays and Group Discussion 5. Caselets solution		**25% MCQ** **35% short notes** **40% long answers**
III	4 Caselets solution 5 Active participation in Group-Discussion	**30**	
IV	**4.** Active participation in Role-Plays and Debate activities 6 Caselets solution	**20 marks mini project**	
	Total	**30+20=50**	**50**

Suggested References

Sr. No.	Title of the Book	Author/s	Publication
1	International Human Resource Management	Peter Dowling and Denice Welch	Cengage Learning
2	International Human Resource Management: Globalization, National Systems and Multinational Companies	Tony Edwards	Pearson Education

3	International Human Resource Management	Monir Tayeb	Oxford University Press

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Question paper Pattern 2019 for TY BBA
University Examination Sub: International Human Resource Management
Course Code DSE C 605

Q.No.	Compulsory / Choice	Nature of Question	Marks	Total Marks
1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	5	10 Marks
		Match the Pairs	5	
2	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
3	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
4	Solve any 4 out of 6	Short Notes	4*5 Marks	20 Marks
	Total			50 Marks

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TY BBA Semester VI (CBCS) Pattern 2019
Recent Trends & HR Accounting + Project
Course Code DSE C 606 HRM
Credit 2+4 = 6

Depth of the Course- Comprehensive Knowledge

Course Objectives

1.To make students understand the theoretical and practical fundamental knowledge of Recent Trends in HRM and HR Accounting.
2.To describe various Employee Engagement Strategies to enhance Employee Engagement.
3.To discuss the uses of Human Resource Information Systems in organizations.
4. To explain the different methods used to calculate the value of human Resources.
5. To define Human Resource Audit and outline its scope.
6. To study the methods of Human Resource Valuation.

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Unit No.	Unit Title	Contents	Purpose & Skills to be developed
1	**Employee Engagement**	1.1 Meaning and definition of employee Engagement, 1.2 Factors Influencing Employee Engagement, 1.3 Strategies for Enhancing Employee Engagement, 1.4 Company values and building employee loyalty, 1.5 Challenges in engaging employees, 1.6 Employee engagement and company branding strategies	• To understand the basic concept of Employee Engagement. • To study factors influencing Employee Engagement. • To describe various Employee Engagement Strategies to enhance Employee Engagement. • To make students understand the relationship between Employee Engagement and company branding strategies.

2	**Human Resource Information System and Personnel Research**	2.1 Human Resource Information System 2.2 Meaning and definition of Human Resource Information System, 2.3 Components of Human Resource Information System, 2.4 Advantages and Limitations of Human Resource Information System, 2.5 Process of designing of Human Resource Information System 2.6 Personnel Research 2.7 Meaning and definition of Personnel Research, 2.8 Approaches to Personnel Research, 2.9 Process of Personnel Research	• To make students understand the basic concept of Human Resource Information System. • To discuss the uses of Human Resource Information Systems in organizations. • To list the advantages and identify the limitations of the Human Resource Information System. • To map out the process involved in designing of Human Resource Information System. • To make students understand the meaning and definition of Personnel Research and Human Resource Audit. • To appreciate the purpose of Personnel Research in an organization. • To discuss the major approaches employed for Personnel Research. • To delineate the process followed in conducting Personnel Research.
3	**Human Resource Accounting and Human Resource Audit**	3.1 Human Resource Accounting 3.2 Meaning and definition of HR Accounting, 3.3 Need and Objectives of HR Accounting, 3.4 Advantages and Limitations of HR Accounting, 3.5 Human Resource Valuation: Monetary and Non-Monetary methods of Human Resource Valuation 3.6 Human Resource Audit 3.7 Meaning, definition and objectives of Human Resource	• To make students aware of the meaning, need and objectives of HR Accounting. • To list the advantages and identify the disadvantages of HR Accounting. • To study the methods of Human Resource Valuation. • To define Human Resource Audit and outline its scope.

		Audit, 3.8 Areas and levels of Human Resource Audit	

Teaching Methodology

Teaching Hours Theory + Project Practical –as applicable	Innovative methods to be used	Expected Outcome
Unit 1- 12 hours	• Traditional classroom lectures • Preliminary presentation from students. • Role-plays • Assignment. • Caselets solution	• Great gains in content knowledge, skill acquisition, and overall confidence and comfort for understanding the basic concept of Employee Engagement. • Students active participation in an understanding strategy of Employee Engagement.
Unit 2- 12 hours	• Traditional classroom lectures • Role-plays • Group Discussion • Computer lab practice • Personnel Research Questionnaire preparation, data collection and analysis activity	• The shift towards student-centeredness significantly enhanced students' learning through computer lab to understand the use of computer in HRIS. • Interactive small group activities and a high level of discussion and interaction. • Exposure of hidden skills and talent of students.
Unit 3- 12 hours	• Traditional classroom lectures • Guest Lecture from HR manager on HR Accounting and HR Audit. • Computer lab practice • Caselets solution	• Practical Knowledge Acquisition about HR Accounting and HR Audit. • A better understanding of different methods of HR valuation through computer lab practice and Expert's Guest Lecture.

Project	• Project-based on internship – referee separate guidelines	1 Learning By doing

Evaluation

Unit Number	**Internal Evaluation**		**External Evaluation**
	Evaluation of students based on	**Marks**	
Project Report	**Project Report preparation, submission and VIVA.**	**50**	**25% MCQ** **35% short notes** **40% long answers**
	Total –	**50**	**50**

Suggested references

Sr. No.	**Title of the Book**	**Author/s**	**Publication**
1	**Employee Engagement for Dummies**	**Bob Kelleher**	**Wiley Publications**
2	**Engage!** Co-creating Organizational Vitality and Individual Fulfillment	**Sunil Maheshwari**	**Sage Publications India**
3	**Employee Engagement: A Recipe to Boost Organisational Performance**	**Vipul Saxena**	**Notion Press**
4	**Human Resource Management**	L. M. Prasad	Sultan Chand & Company Ltd.
5	**Human Resource Management**	K. Ashwathappa	Tata McGraw Hill
6	**Personnel and Human Resource Management**	**A. M. Sharma**	**Himalaya Publication House**
7	**Human Resource Management (text and Cases)**	**S. S. Khanna**	**S. Chand**

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Question paper Pattern 2019 for TY BBA
University Examination Sub: Recent Trends & HR Accounting + Project
Course code C 606
Credit 6

Q. No.	**Nature of Question** **Project – SPPU external** **50 marks**	**Total Marks -** 50 marks Objectives - Compulsory Question Solve any 3 out of 5 Solve any 4 out of 6
	50 marks – Project Viva	50 SPPU

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TYBBA Semester VI (CBCS)

Pattern2019

Course: Global Tourism and Hospitality Management

CourseCode–DSE D605SM

Credit3+1=4

Depth of the Course –Reasonable working knowledge

Course Objectives:

1. To create awareness related to health care management and services.
2. To enables students to understand the various healthcare services & other developments in the Indian health care service sector.
3. To provide students insight into the Functions & Role of modern healthcare services offered to cater for the current needs.

Unit No.	Unit Title	Contents	Purpose and skills to be developed
1	**Introduction to Tourism Industry**	1.1 Basic components of tourism, Travel agency- 1.2 History, Operation/Functions and Types. Tour Operators- Functions and Types. 1.3 Accommodation Industry- Types and Classification, Air Transportation Industry, objectives of ITDC, Poshtel tourism.	• Tounderstandtourism and its components • Abilitytounderstandoperations, functions, tour operator and industry.
2	**Growth and Development Modern Tourism**	2.1 Global Tourism, 2.2 Factor influencing the growth of tourism, 2.3 New product development, travel Organisation in India and European countries, 2.4 Effect of tourism on employment, economic development,	• To understand global tourism, the effect of tourism on economic and regional development.

		regional development, 2.5 World tourism and travel council. Events and tourism.	
3.	**Hospitality Management**	3.1 Hospitality: Classification & Categorization of Hotels- 3.2 Hotel Ownership. A brief account of Commercial Hotels- Residential Hotels, Resort Hotels, Airport hotels, Bed & Breakfast Hotels, Convention hotels, Casino Hotels, and Motels. 3.3 Emerging trends in Accommodation- Time, share. Condominium- Home Stays, Tree Huts, Houseboats, Capsule hotel. Major Hotel chains in India. Incredible India.	• Tounderstandhospitality management, Emerging trends in hospitality management. • Abilitytounderstandchanging scenario of hospitality management.
4.	**Value Chain:**	4.1 Definitions: Hospitality and Hotel. The link between Hospitality and Travel and Tourism industry, safety and Hygiene, 4.2 virtual reality tours, 4.3 Travelers at rest, Home away from Home, 4.4 Hospitality culture Atithi Devo Bhavah, 4.5 Expectations of the guest.	• To understand the link between hospitality and travel industry, needs and wants of prospects, and hospitality culture.

Teaching Methodology

Teaching Hours Theory + Tutorials /Project	Unit &teaching Hours	Innovative methods to be used	AV Applications	Project	Expected Outcome

Practical					
Unit 1- 12 hours	I–(14)	Presentationontour operators, tourism industry. Presentationonidentifyingdifferentneedsoftravel and tourist operators, their management.	Shortfilmsonrole of tour operator, air industry, transport industry	Tours and travel, tourism management Agencies working in India.	To understand the management of tours, travels and tourism.
Unit 2- 12 hours	II-(13)	Comparative analysis of tour operators and their management,	Films on different agencies meeting different needs of customers. Scale of operations	Developing a suitable plan of short and long tours.	To understand the importance of the tourism industry for the development of the nation.
Unit 3- 12 hours	III-(11)	Presentation on the different type of Hoteliering	Films on Incredible India	Areportontourism industry, tour operators, tour packages	Tounderstandhospitality management, Emerging trends in hospitality management. tounderstandchanging o of hospitality ement.
Unit 4 - 12 hours	IV – (10)	Presentation of emerging trends in hospitality management	Filmsonvirtual reality tours. Poshtel tourism	A report link between travel and hospitality management	To understand the link between hospitality and travel industry, needs and wants of prospects, and hospitality culture.

Evaluation Method

Unit No	Internal evaluation	Internal Evaluation	External Evaluation
	Evaluation of students based on		
Unit-I Unit-II Unit-III Unit-Iv	1. Role Play 2. Chart Preparation and Presentation 3. Debate 4. Group Discussion	30	25% MCQ 35% Short notes 40% Long answer
Project/ Practical	1 Project Submission. 2. Presentation.	20	
	Total	**30 +20**	**50**

Suggested References

Sr. No	Title of the Book	Author
1	Travel & Tourism	Cottman
2	Tourism development- Principles and practices	A.R. Bhatia.
3	Introduction to Hospitality - I & II	Dennis Foster
4	Encyclopedia of Hotel & Hospitality Management	R.K Arora,
5	Hotel Operation	Chakravarty, Dr. Barun Kumar
6	Tourism and Hoteliering.	Negi J.M.S,
7	Accommodation Operation Management.	S. Kaushal, S.N Gowthan
8	Delivering Quality Service: Balancing Customer Perceptions expectations	Zeithmal, Parsuraman, Berry

SavitribaiPhule Pune University
Question Paper Pattern

Course: Global Tourism and Hospitality Management

Code SM 605
Credits-4

Q. No.	Compulsory / Choice	Nature of Question	Marks Internal	Total Marks- External
1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	10	**Objective Type Questions** Short & Long Answer Questions
		Match the Pairs		
		Answer in one sentence		
		Fill in the blanks		
2	Solve any 3 out of 5	Short & Long Answer Question	20	
3	Mini project	Mini project	20	
	Total		50	50

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TYBBASemesterVI(CBCS)Pattern2019

Course : Recent Trends In Services + Project

Course Code DSE D 606 SM

Credit :2+4=6

Depth of the Course–Reasonable working knowledge

Course Objectives:

1. To create awareness related to recent trends in services.

2. To enables students to understand the changes taking place in the service sector.

3. To provide students insight into recent developments in the service sector

Unit No.	Unit Title	Contents	Purpose and Skills to be developed
1	**Overview of current trends in service industries**	Understanding of Current Trends and development in Service Industries: Financial, Hospitality, Health, Telecom, Consultancy, Logistics, Education, Agriculture services, Insurance, ITES (IT-enabled Services), development of innovative tourism, e-Services and retail Services, business development services, impact on Indian economy	• To understand current trends of different types of service industries
2	**Technology in Services**	Technology in services, the emergence of self-service, infotainment Automation in services, Technological innovations in services: Challenges of adopting new technology in service, Managing the new technology adoption process, multimedia development as service enterprises	• To understand the use of technology in services challenges of adopting new technology in services

3.	**Globalization of Services**	Meaning and importance of globalization of services, Globalization and Indian services, Domestic growth and expansion strategies – focused service, focused network, clustered service and diversified network, Franchising – meaning, nature, benefits and issues, Global service strategies – Multi-country expansion, importing customers, following your customers,	• To understand differences between global services and Indian services, growth of services, global service strategies
4.	**Case Study -**	Case study analysis based on - Financial, Hospitality, Health, Telecom, Consultancy, Logistics, Education, NGO, Public Utilities, ITES (IT-enabled Services), Travel & Tourism, e-Services and Professional Services., rural service enterprises	• Designing and delivering services

Teaching Methodology

Unit &teachingHours	**Innovative methods to be used**	**AV Applications**	**Project**	**ExpectedOutcome**
I–(14)	Presentationoncurrent trends in various service segments	Short films on service industries	Current trends in service industries	To understand the service needs of society and how industry fluffing the needs of societies
II-(13)	Posterpresentationontechnological inventions in the field of service management	Films on different Technological advances in the service sector	Comparative analysis of old and new service requirement	To understand advances in different service segment.

III-(11)	Presentation on the globalization of services, global service strategies	Filmsonglobal service strategy	A report on Current trends in service industries, Comparative analysis of old and new service requirement	To understand the difference between global service and Indian service strategies.
IV – (10)	Presentation and discussion on emerging trends in financial, Hospitality, Health, Telecom, Consultancy, Logistics, Education, NGO, Public Utilities, ITES (IT-enabled Services), Travel & Tourism, e-Services and Professional Services.	FilmsonITES (IT-enabled Services), Travel & Tourism, e-Services and Professional Services.	AreportonIT applications in Health, Telecom, Consultancy, Logistics, Education, NGO, Public Utilities.	To have the right understanding of how the modern service business is changing and what are the new trends in the industry.

Evaluation Method

Unit No	Internal evaluation	External Evaluation	External Evaluation
	Evaluation of students based on		
Unit-I Unit-II Unit-III Unit-Iv	1 Project Submission. 2. Presentation. Refer internship guidelines	50	25% MCQ 35% Short notes 40% Long answer
Project/ Practical			
	Total	**50**	**50**

Suggested References

Sr.No	Title of the Book/Reference	Author	Publication	Place
1	Emerging Trends in Service Sector	Editor-G.U.K.Rao	NI for MSME Enterprises	Hyderabad
2	Service Marketing	P.K.Sinha and S.C. Sahoo	Himalaya Publishing House	New-Delhi
3	Delivering Quality Service: Balancing Customer Perceptions expectations	Zeithmal, Parsuraman, Berry	Simon and Schuster Inc.	New-York

3	Media reports, Press releases, Department of industrial policy and promotions (DIPP) Statistics, Department of Information and Technology			
4	Quality Management in Hospitals	S.K. Joshi	Jaypee Brothers Medical Publishers	New-Delhi
5	Hospital Information Systems	Kelkar S.A.	Cloudtail India	
7	Financial Services and Markets	Dr. S.Gurusamy	Thomson	Delhi

Savitribai Phule Pune University
TY BBA Semester VI (CBCS) Pattern 2019
Course Title: Agricultural Export
Course Code DSE E605 ABM
Credit – 3+1 = 4

Depth of the Course: Basics and Overall Perspective of Agriculture Export

Course Objectives:

1. To introduce the concept of Agriculture Export
2. To develop practical insight in enhancing business Processes of Agriculture Export and international markets.
3. To expose students to a systematic framework of international markets and institutional infrastructure.
4. To enhance agriculture export skills in students

Unit No.	Unit Title	Contents	Purpose & Skills to be developed
1	**Introduction**	1.1 -Introduction to agriculture 1.2 -forms of agriculture production 1.3 -need for import and export 1.4 -analysis of marketable surplus and marketed surplus 1.5 -analysis of import and export 1.6 -statistics of agricultural products in India	**Purpose:-** - To learn various forms of agricultural exports. - Better understanding of agricultural products of India. **Skills to be developed:-** - Developing Conceptual and Analytical ability related to agricultural exports - Innovation & creativity.

2	**Introduction to world agricultural trade**	2.1 Overview of world agricultural trade 2.2 Issues impacting international agricultural trade 2.3 Agricultural policy 2.4 Technology advancement on agricultural products	**Purpose:-** -To understand global agricultural trade -To understand agricultural policy related to exports -To understand recent trends and technologies in agricultural products **Skills to be developed:-**Positive approach towards agricultural exports, Identifying opportunities foreign markets by agricultural exports
3	**Market Identification**	3.1 Identifying foreign markets for agriculture export 3.2 marketing plan for exports 3.3 export documents and procedure 3.4 terms of payment and export finance legal dimensions	**Purpose:-** - To better understand foreign markets. - To gain practical knowledge of marketing in foreign markets. **Skills to be developed:-** Professional Marketing capabilities about foreign markets.
4	**Institutional infrastructure**	4.1 Institutional infrastructure for export promotion in India 4.2 export assistance 4.3 State trading in imports and exports 4.4 working of the State trading organisations in India	**Purpose:-** -To get an understanding of Institutional infrastructure for export promotion in India. - To gain knowledge of trading in imports and exports in the agriculture sector. **Skills to be developed:-** Enhancement of working knowledge Institutions for export promotion in India

Teaching Methodology

Teaching Hours Theory + Tutorials /Project Practical	Innovative Methods to be used	Project for 1 credit	Expected outcome
Unit 1- 12 hours	YouTube Videos about agricultural production practices in India for better understanding. Interactive Sessions followed by feedback.	Preparing small reports on field visit experience as assigned by subject faculty	Learning will be more practical based on theory, thereby aid students in better understanding.
Unit 2- 12 hours	Field Visits to various agriculture export-oriented organisations to gain practical knowledge.	Asking students to make a report on any of the agricultural export-oriented organisations guided by the instructor.	Development of interest in agricultural export-oriented organisations and implementation of various concepts in practice.
Unit 3- 12 hours	Use of PPT and preparation of PPT based on fieldwork for agricultural export-oriented Industry.	Assigning students with tasks to identify the right international markets for given agricultural products.	Ability to find a relevant market for given agricultural products.

Unit 4 - 12 hours	Arranging Sessions of experts from government organisations/institutions supporting the export of agricultural products.	Maintaining a record of every session by the students for evaluation by the teachers	Awareness of various government institutions supporting the export of agricultural products.

Subject: Agriculture Export (605)	**Internal Evaluation**	**External Evaluation**	**Suggested Add on course**
Unit – I	Methodologies like assignment, presentation, GD etc. as decided by college authorities(30 marks)	50 marks Paper	EXIM A-Z: A wholesome Approach to Exports, Imports Business
Unit – II	Class tests, PPT		Flower Exports Management
Unit – III	Case studies and Notes preparation		Cold chain logistics in Export business
Unit – IV	Field visit report for 20 marks		Program in Export-Import Management by Exim
Total	30+20=50 marks	50 marks	

Evaluation: -Internal (30+20=50)/ External – 50 Marks

Suggested References:-

Sr.No.	Title Of the Book	Author/s	Publication	Place
1.	Agricultural Geography	S. S. Dhillon	Tata McGraw-Hill	Delhi
2.	Export Potential of Indian Agriculture	Jagdish Prasad	Mittal Publications	Delhi
3.	Agriculture Marketing	Sawalia Bihari Verma	Scientific Publisher	Delhi

4.	Export Promotion in India: The Institutional Infrastructure	S. Bhashyam	Commonwealth Publishers	Delhi

SavitribaiPhule Pune University
Question paper Pattern 2019 for TY BBA
University Examination Sub: Agricultural Export
Course Code DSE E 605

Q.No.	Compulsory / Choice	Nature of Question	Marks	Total Marks
1	Compulsory Question	**Objective Type Questions** Multiple Choice Questions	5	10 Marks
		Match the Pairs	5	
2	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
3	Solve any 1 out of 2	Long Answer Question	1*10 Marks	10 Marks
4	Solve any 4 out of 6	Short Notes	4*5 Marks	20 Marks
	Total			50 Marks

Savitribai Phule Pune University
TY BBA Semester VI (CBCS) Pattern 2019
Course Title: Tourism Development in Rural India + Project
Course CodeDSE E606
Credit – 2+4=6

Depth of the Course: Understanding Core Aspects of Tourism Development in Rural India.

Course Objectives:

1.To Understand the concept of Rural Tourism
2 To understand the significance and need of Rural Tourism in India
3 To know Tourism Resource in rural areas
4 To Understand the role of rural tourism in the Indian Economy & Rural Development
5 To highlight Sustainable Tourism- Its role in rural areas.

Unit No.	Unit Title	Contents	Purpose & Skills to be developed
1	**Introduction to the concept of Rural Tourism**	1.1 Definitions, Need, Scope and characteristics of Rural Tourism 1.2 Types and forms of Rural Tourism Rural Territory- It's Potential as a Tourism Product 1.3 The village as a primary tourism product- Showcasing rural life, art, culture and heritage 1.4 Rural Tourism- Indian context	**Purpose -:-** -Learning & understanding the concept of Rural Tourism -Understanding and acquiring knowledge of village as a primary tourism product **Skills to be developed:-** -Widening scope concerning Rural Tourism in India - Management Skills such as facing challenges, Risk etc.
2	**Role of Tourism in**	2.1 Importance and Benefits of Rural	**Purpose:-**

	Economic and Rural Development	Tourism 2.2 Costs associated with Rural Tourism Impact of RuralTourism on the rural community 2.3 Rural tourism – Rural and Economic Development of India 2.4 Challenges and issues of Rural Tourism in India.	- Understanding the significance of Rural Tourism. -Understanding the challenges faced by Rural Tourism in India. - Availing opportunities available in Rural Tourism in India. **Skills to be developed:-** -Adaptability to New /Recent trends and Flexibility.
3	**Rural Tourism Business Plan**	3.1 Feasibility and Execution, Infrastructure, 3.2 Marketing and Financial Assistance requisites 3.3 The intervention of Professional Agencies - Linkages for development of Rural Tourism in India.	**Purpose:-** -To gain practical knowledge about framing business plan w.r.t. Rural Tourism. - To gain practical know-how. **Skills to be developed:-** - Development of Practicality.
4	**Recent Trends in Rural Tourism in India**	4.1 Sustainable Tourism, Agro Tourism, 4.2 Inspirational Tourism 4.3 Technology and Innovation-Changing concept of rural tourism 4.4 Recent tourism initiatives are taken by Government in India 4.5Tourism projects in India Case Study on rural tourism in India	**Purpose:-** - Highlighting recent trends in Rural Tourism. - Learning various challenges and problems of rural tourism through the case study. **Skills to be developed:-** -Analytical ability through Case study analysis.

Teaching Methodology

Teaching Hours Theory + Tutorials /Project Practical	Innovative Methods to be used	Internship Project Report for 4credit(50 Marks)	Expected outcome
Unit 1- 12 hours	Interactive Sessions followed by feedback, E-content reference, Group Discussion for idea generation and sharing	Gathering information on Rural Tourism in Indian, Initiatives taken by Indian Government and Projects of Rural Tourism in India.	Learning will be more practical based, thereby helping students in better understanding of core aspects.
Unit 2- 12 hours	Visits to Tours and Travel agency to gain practical knowledge of Rural tours organised by them and several aspects concerning it and getting consumer feedback.	Preparing report based on a visit in consultation with a subject expert and covering core aspects of Rural tours.	Development of interest in Rural Tourism and highlighting its essential aspects concerning practical implementation.
Unit 3- 12 hours	Use of PPT Use of Microsoft Word and Excel for project preparation	Students are required to prepare a consolidated report including govt. Initiatives and Rural Tourism Projects and appear for viva-voce.	Ability to collect relevant data and its analysis and interpretation.
Unit 4 - 12 hours	Arranging Sessions of experts from the Tourism Industry (Guest lecture series) for availing experience-based knowledge. Case Study on Rural Tourism	Maintaining a record of all the students for evaluation.	Awareness of actual scenario w.r.t. Rural Tourism and its management.

Evaluation :- Internal 50/ External 50

Subject: Service Management (606)	Internal Evaluation Credit 4	External Evaluation Credit 2
Unit – I **Unit – II** **Unit – III** **Unit – IV**	Project Report and Viva-Voce (50 marks) -Internship based project report.	50 marks Paper (Based on Theory) 25% MCQ 35% Short notes 40% Long answer
Total =6	50 Marks	50 Marks

Suggested References:-

Sr.No.	Title Of the Book	Author/s	Publication	Place
1.	Marketing Rural Tourism: Experience and Enterprise	Gunjan Saxena	Edward Elgar Publishing Ltd	India
2.	Tourism in India	Bhatia.T. K.	CABI	Amazon
3.	Rural Tourism And Enterprise 2017	P Robinson, A Oriade	CABI	Amazon
4.	Rural Tourism and Sustainable Business	Derek R Hall , Irene Kirkpatrick, and Morag Mitchell	Channel View Publications	Amazon

Note.

Faculty members are requested to refer to project and internship manual for better execution of the course .Teaching methodology may be modified as per the requirements of students and available resources.

Savitribai Phule Pune University
Faculty of Commerce & Management
Structure for Three - Year
B.Com. Degree course (Choice Based Credit System)
(2019 Pattern)
With effect from June 2019

Preamble:-

Commerce education is that area of education, which develops the required knowledge, skills and attitudes for the handling of Trade, Commerce and Industry. Commerce education is entirely different from other disciplines. Hence, it must charter Course routes to service the aspirations of the nation. To meet the growing needs of the business society, there is greater demand for sound development of commerce education. The relevance of commerce education has become more imperative, this means a marked change in the way commerce and management education is perceived in India. The Commerce education is dedicated to developing tomorrow's leaders, managers, and professionals.

The existing education system of imparting commerce education needs to be more dynamic to incorporate all local and global changes in the field of trade and commerce. The curriculum needs to be restructured accordingly. The learning inputs are required to be more update, skill based and with appropriate applications. This will be achieved through the introduction of Choice based Credit System at undergraduate level.

The choice based credit system offers a cafeteria approach where the students have the liberty to choose courses of their own choice. The credit system allows students to opt for additional courses where he /she can score more than the required credits. The system will focus on student centric learning methods, which include use of Information and Communication Technology, innovative methods of teaching and learning and emphasis on industry interaction to enable the learners to take up professional challenges more effectively.

1. INTRODUCTION

The B.Com Degree Course (2019 pattern) will be introduced in the following order:-

a. First Year B.Com.	2019-2020
b. Second Year B.Com.	2020-2021
c. Third Year B.Com.	2021-2022

The B.Com. Degree Course will consist of six semesters divided into three Years.
The first year (Semester I and II) choice based credit system examination will be held at the end of the each semester.
The Second Year (Semester III and IV) and Third Year (Semester V and VI) choice based credit system examination will be held at the end of each semester.

2. ELIGIBILITY

a) No Candidates shall be admitted to the First Year of the B.Com. Degree Course (**2019 pattern**) unless he/she has passed the Higher Secondary School Certificate Examination of the Maharashtra State Board of Higher Secondary Education Board or equivalent or University with English as a passing Course.

b) No candidate shall be admitted to the Third Semester examination of the second year unless he/ she has cleared first two semesters satisfactorily for the course at the college affiliated to this University.

c) No candidate shall be admitted to the Third Year B.Com. (Fifth semester) Degree Course (**2019 pattern**) unless he/she has cleared all the papers of first and second semester Examination of F.Y. B.Com. and has satisfactorily kept terms for the second year (Third and Fourth Semester) and also fifth semester for the third year of B.Com) satisfactorily in a college affiliated to this University.

3. A.T.K.T. Rules :

- If a candidate fails in all the courses (subject heads) of passing of semester I shall be allowed to proceed semester II. However, a student who fails in four theory courses and two practical courses at semester I and II taken together may be admitted to semester III & IV.

- If a candidate fails in all the courses (subject heads) of passing of semester III shall be allowed to proceed to semester IV.

- If a candidate fails in all the courses (subject heads) of passing of semester V shall be allowed to proceed to semester VI. However, a student who fails in four theory courses and two practical courses at semester III and IV taken together may be admitted to semester V & VI.

- No candidate shall be allowed to proceed to semester V unless the candidate has cleared semester I & II in all courses (Subjects).

- ATKT rules are applicable for 2nd and 4th semester.

4. COURSES CARRYING PRACTICALS

a) Each practical course will be of one credit.
b) There will be practical and practical examination for semester I and II of the F.Y.B.Com. For the Course Financial Accounting.
c) There will be practical and practical examinations for the special Courses (Discipline Special Elective) of S.Y.B.Com. (Semester III and IV) and of T.Y.B.Com. (Semester V & VI)
d) There will be Practical for the S.Y.B.Com level Compulsory Course Business Communication (Semester III and IV) & for T.Y.B.Com Auditing and Taxation (Semester V) & (Semester VI)
e) A Student must offer the same Special Course at T.Y.B.Com. (Semester V & VI) which he / she has offered at S.Y.B.Com. (Semester III and IV)
f) In an exceptional case, a student may change the Course chosen by him at third and fourth semester of second year during the first semester of the third year provided he keeps the additional terms of the Course at S.Y.B.Com.

Course having practical examination:-

Semester	Type of Course	Name of Practical Course	Course Code
I	Core Course	Financial Accounting – I	PR - 112
II	Core Course	Financial Accounting – II	PR – 122
III	Core Course	Business Communication – I	PR - 231
III	Discipline Specific Elective	**Special Course Paper (I)** a) Business Administration b) Banking and Finance c) Business Law and practices d) Cooperation and Rural Development e) Cost and Works Accounting f) Business Statistics g) Business Entrepreneurship h) Marketing Management i) Agricultural and Industrial Economics j) Defence Budgeting, Finance and Management k) Insurance, Transport and Tourism l) Computer Programming and Application	PR- 236
IV	Core Course	Business Communication – II	PR- 241
IV	Discipline Specific Elective	**Special Course Paper (I)** a) Business Administration b) Banking and Finance c) Business Law and practices d) Cooperation and Rural Development e) Cost and Works Accounting f) Business Statistics	PR- 246

		g) Business Entrepreneurship h) Marketing Management i) Agricultural and Industrial Economics j) Defence Budgeting, Finance and Management k) Insurance, Transport and Tourism l) Computer Programming and Application	
V	Core Course	Auditing & Taxation – I	PR- 354
V	Discipline Specific Elective	**Special Course Paper (II)** a) Business Administration b) Banking and Finance c) Business Law and practices d) Cooperation and Rural Development e) Cost and Works Accounting f) Business Statistics g) Business Entrepreneurship h) Marketing Management i) Agricultural and Industrial Economics j) Defence Budgeting, Finance and Management k) Insurance, Transport and Tourism l) Computer Programming and Application	PR- 355
V	Discipline Specific Elective	**Special Course Paper (III)** a) Business Administration b) Banking and Finance c) Business Law and practices d) Cooperation and Rural Development e) Cost and Works Accounting f) Business Statistics g) Business Entrepreneurship h) Marketing Management i) Agricultural and Industrial Economics j) Defence Budgeting, Finance and Management k) Insurance, Transport and Tourism l) Computer Programming and Application	PR- 356
VI	Core Course	Auditing & Taxation – II	PR- 364
VI	Discipline Specific Elective	**Special Course Paper (II)** a) Business Administration b) Banking and Finance c) Business Law and practices d) Cooperation and Rural Development	PR- 365

		e) Cost and Works Accounting f) Business Statistics g) Business Entrepreneurship h) Marketing Management i) Agricultural and Industrial Economics j) Defence Budgeting, Finance and Management k) Insurance, Transport and Tourism l) Computer Programming and Application	
VI	Discipline Specific Elective	**Special Course Paper (III)** a) Business Administration b) Banking and Finance c) Business Law and practices d) Cooperation and Rural Development e) Cost and Works Accounting f) Business Statistics g) Business Entrepreneurship h) Marketing Management i) Agricultural and Industrial Economics j) Defence Budgeting, Finance and Management k) Insurance, Transport and Tourism l) Computer Programming and Application	PR- 366

5. MEDIUM OF INSTRUCTION

The medium of instruction for B.Com. Degree course shall be either Marathi or English except languages. The Medium of instructions for Business Communication (S.Y.B.Com) shall be English only.

6. UNIVERSITY TERMS

The dates for the commencement and conclusion of the first and the second terms shall be as determined by the University Authorities. Only duly admitted students can keep the terms. The present relevant ordinances pertaining to grant of terms will be applicable.

7. VERIFICATION AND REVALUATION

The candidate may apply for verification and revaluation or result through Principal of the College which will be done by the University as per ordinance framed in that behalf.

8. RESTRUCTURING OF COURSES

This revised course structure shall be made applicable to the colleges implementing 'Restructured Programme at the undergraduate level from June, 2019. The Colleges under the Restructured Programme which has revised their structure in the light of the "2019 Pattern" shall be introduced with effect from academic year 2019-20.

9. STANDARD OF PASSING.

A candidate is required to obtain 40% marks in Internal Assessment, Practical Examination and Semester End University Examination.
It means that passing separately at internal assessment, practical examination and semester end university examination is compulsory.

10. METHODS OF EVALUATION, PASSING, AND EVALUATION CRITERIA:-

The evaluation of students will be done on three parameters:-

a. Internal assessment
b. Practical Examination (list of Courses having practical is given in note No. 4)
c. University examination

For university examination, question papers will be set for seventy marks (three hours duration)

Evaluation will be done on a continuous basis, three times during each semester. Internal assessment will be of 30 marks. The colleges need to adopt any three out of the following methods for internal assessment:-

a. Written examination
b. Quiz
c. Presentations
d. Projects
e. Assignments
f. Tutorials
g. Oral examination

11. STRUCTURE OF TRANSCRIPT:

Conversion of percentage into credit(s) and grade(s):The following illustrations could be taken as an example for computing SGPA and CGPA from percentage to credits for Honours courses in all disciplines, degree Program courses in Science subjects and degree Program courses in Humanities, Social Sciences and Commerce subjects:

1.Percentage to Grades and Grade Points

The following formula may be used to convert marks (%) into letter grades.

Let $\bar{X}$ = mean of % age marks of all student appeared in the paper.

σ = Standard deviation

m = % of marks obtained

Letter grade	Numerical grade	Formula
O (outstanding)	10	$m \geq \bar{X} + 2.5\,\sigma$
A+ (Excellent)	9	$\bar{X} + 2.0\,\sigma \leq m < \bar{X} + 2.5\,\sigma$
A (Very Good)	8	$\bar{X} + 1.5\,\sigma \leq m < \bar{X} + 2.0\,\sigma$
B+ (Good)	7	$\bar{X} + 1.0\,\sigma \leq m < \bar{X} + 1.5\,\sigma$
B (Above average)	6	$\bar{X} \leq m < \bar{X} + \sigma$
C (Average)	5	$\bar{X} - 0.5\,\sigma \leq m < \bar{X}$
D (Pass)	4	$\bar{X} - \sigma \leq m < \bar{X} - 0.5\,\sigma$
F (Fail)	0	$m < \bar{X} - \sigma$
Ab (Absent)	0	

* Minor variations may be adjusted by the individual institution.

1 A student obtaining Grade F shall be considered failed and will be required to reappear in the examination.

2 For non credit courses 'Satisfactory' or "Unsatisfactory' shall be indicated instead of the letter grade and this will not be counted for the computation of SGPA/CGPA.

3 The Universities can decide on the grade or percentage of marks required to pass in a course and also the CGPA required to qualify for a degree taking into consideration the recommendations of the statutory professional councils such as AICTE, MCI, BCI, NCTE etc.,

4 The statutory requirement for eligibility to enter as assistant professor in colleges and universities in the disciplines of arts, science, commerce etc., is a minimum average mark of 50% and 55% in relevant postgraduate degree respectively for reserved and general category. Hence, it is recommended that the cut-off marks for grade B shall not be less than 50% and

12. RESTRUCTURING OF COURSES – EQUIVALENCE AND TRANSITORY PROVISION:

The University will conduct examination of old course (2013 Pattern) for next three academic years from the date of implementation of course**.**

The candidate of old course will be given three chances to clear his/her Courses as per the old course (2013 Pattern) and thereafter he/she will have to appear for the Courses as per the equivalence given to old course (2013 Pattern).

13. SCHEMES OF CREDITS –

Total credits for three year integrated B.Com. Course is as follows:-

Sr. No.	Semester No	No. of courses	Lecture Hours	Credit per course	Credit for practical courses	Add on course credit (*)	Lectures + Practical + add on courses= Total Credits
1	I	7	48	3	1	1	21 +2 =23
2	II	7	48	3	1	1	21 +2 =23
3	III	6	48	3	2	0	18+2 =20
4	IV	6	48	3	2	2	18+2+2 =22
5	V	6	48	3	3	0	18+3=21
6	VI	6	48	3	3	2	18+3+2 =23
	Total No. of credits						**132**

Suggested Add On courses (*)

Sr. No.	Add on course	Class	Semester	Credit
1.	Value added course - I	F.Y.B.Com.	I	1
2.	Value added course – II	F.Y.B.Com.	II	1
3.	Environment Awareness	S.Y.B.Com.	IV	2
4.	Specific Add - on Course related to specialized Course/ Internship	T.Y.B.Com.	VI	2
Total				**6**

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Revised structure of Choice Based Credit System Course
First Year B. Com. Semester – I w.e.f. 2019- 20

Course No.	Course / Title of Paper	Course	No. of lectures (Per Week)	No of Credits	Internal Assessment	University Assessment		Total Marks	Duration of Theory Examination
						Univ. Exam	Practical Exam		
111	Compulsory English- I	Ability Enhancement Compulsory Course	4	3	30	70	--	100	3 Hours
112	Financial Accounting - I	Core Course	4	4	30	50	20	100	3 Hours
113	Business Economics- I	Core Course	4	3	30	70	--	100	3 Hours
114 (A) OR 114 (B)	Business Mathematics and Statistics - I OR Computer Concepts and Application- I	Core Course	4	3	30	70	--	100	3 Hours
115	**Optional Group. (A) (Any one of the Following)** a) Organization Skill Development b) Banking and finance c) Commercial Geography d) Defence Organization and Management in India e) Cooperation f) Managerial Economics	Generic Elective Course	4	3	30	70	--	100	3 Hours

Course No.	Course / Title of Paper	Course	No. of lectures (Per Week)	No of Credits	Internal Assessment	University Assessment		Total Marks	Duration of Theory Examination
						Univ. Exam	Practical Exam		
116	**Optional Group. (B) (Any one of the Following)** a) Essentials of E-Commerce b) Insurance & Transport c) Marketing & Salesmanship d) Consumer Protection and Business Ethics e) Business Environment & Entrepreneurship f) Foundation Course in Commerce	Generic Elective Course	4	3 -	30	70	--	100	3 Hours
117	**Any one of the following Language** Additional English/ Marathi/ Hindi/ Guajarati/ Sindhi/ Persian/ Urdu/ French/ German / Sanskrit / Arabic	Ability Enhancement Course	4	3	30	70	--	100	3 Hours

First Year B. Com. Structure of the Syllabus w.e.f. 2019- 20

Semester – II

Course No.	Course / Title of Paper	Course	No. of lectures (Per Week)	No. of Credits	Internal Assessment	University Assessment		Total Marks	Duration of Theory Examination
						Univ. Exam	Practical Exam		
121	Compulsory English- II	Ability Enhancement Compulsory Course	4	3	30	70	--	100	3 Hours
122	Financial Accounting - II	Core Course	4	4	30	50	20	100	3 Hours
123	Business Economics- II	Core Course	4	3	30	70	--	100	3 Hours
124(A) OR 124(B)	Business Mathematics and Statistics - II Computer Concepts and Application- II	Core Course	4	3	30	70	--	100	3 Hours
125	**Optional Group. – (A) (Any one of the Following)** a) Organization Skill Development b) Banking and finance c) Commercial Geography d) Defence Organization and Management in India e) Cooperation f) Managerial Economics	Generic Elective Course	4	3	30	70	--	100	3 Hours

Course No.	Course / Title of Paper	Course	No. of lectures (Per Week)	No. of Credits	Internal Assessment	University Assessment		Total Marks	Duration of Theory Examination
						Univ. Exam.	Practical Exam.		
126	**Optional Group. (B) (Any one of the Following)** a) Essentials of E- Commerce b) Insurance & Transport c) Marketing & Salesmanship d) Consumer Protection and Business Ethics e) Business Environment & Entrepreneurship f) Foundation Course in Commerce	Generic Elective Course	4	3	30	70	--	100	3 Hours
127	**Any one of the following Language- II** Additional English/ Marathi/ Hindi/ Guajarati/ Sindhi/ Persian/ Urdu/ French/ German / Sanskrit / Arabic	Ability Enhancement Course	4	3	30	70	--	100	3 Hours

Second Year B. Com. w.e.f. 2020- 21.

Semester – III

Course No.	Course / Title of Paper	Course	No. of lectures (Per Week)	Total No. of Credits	Internal Assessment	University Assessment		Total Marks	Duration of Theory Examination
						Univ. Exam	Practical Exam		
231	Business Communication- I	Core Course	4	4	30	50	20	100	3 Hours
232	Corporate Accounting- I	Core Course	4	3	30	70	--	100	3 Hours
233	Business Economics - I (Macro)	Core Course	4	3	30	70	--	100	3 Hours
234	Business Management - I	Core Course	4	3	30	70	--	100	3 Hours
235	Elements of Company Law- I	Core Course	4	3	30	70	--	100	3 Hours
236	**Special Course Paper- I (Any One)** a) Business Administration b) Banking and Finance c) Business Law and practices d) Cooperation and Rural Development e) Cost and Works Accounting f) Business Statistics g) Business Entrepreneurship h) Marketing Management i) Agricultural and Industrial Economics j) Defence Budgeting, Finance and Management k) Insurance, Transport and Tourism l) Computer Programming and Application	Discipline Special Elective	4	4	30	50	20	100	3 Hours

Second Year B. Com. w.e.f. 2020- 21

Semester – IV

Course No.	Course / Title of Paper	Course	No. of lectures (Per Week)	Total No. of Credits	Internal Assessment	University Assessment		Total Marks	Duration of Theory Examination
						Univ. Exam	Practical Exam		
241	Business Communication- II	Core Course	4	4	30	50	20	100	3 Hours
242	Corporate Accounting- II	Core Course	4	3	30	70	--	100	3 Hours
243	Business Economics – II (Macro)	Core Course	4	3	30	70	--	100	3 Hours
244	Business Management - II	Core Course	4	3	30	70	--	100	3 Hours
245	Elements of Company Law- II	Core Course	4	3	30	70	--	100	3 Hours
246	Special Course Paper- I (Any One) a) Business Administration b) Banking and Finance c) Business Law and practices d) Cooperation and Rural Development e) Cost and Works Accounting f) Business Statistics g) Business Entrepreneurship h) Marketing Management i) Agricultural and Industrial Economics j) Defence Budgeting, Finance and Management k) Insurance, Transport and Tourism l) Computer Programming and Application	Discipline Special Elective	4	4	30	50	20	100	3 Hours

Third Year B. Com. w.e.f. 2021- 22

Semester – V

Course No.	Course / Title of Paper	Course	No. of lectures (Per Week)	No. of Credits	Internal Assessment	University Assessment			Total Marks	Duration of Theory Examination
						Univ. Exam	Pract. Exam	Internship		
351	Business Regulatory Framework - I	Core Course	4	3	30	70	--	--	100	3 Hours
352	Advanced Accounting - I	Core Course	4	3	30	70	--	--	100	3 Hours
353	Indian and Global Economic Development - I Or International Economics - I	Core Course	4	3	30	70	--	--	100	3 Hours
354	Auditing & Taxation - I	Core Course	4	4	30	50	20	--	100	3 Hours
355	**Special Course Paper – II (Same Special Course Offered at S.Y.B.Com)** a) Business Administration b) Banking and Finance c) Business Law and practices d) Cooperation and Rural Development e) Cost and Works Accounting f) Business Statistics g) Business Entrepreneurship h) Marketing Management i) Agricultural and Industrial Economics j) Defence Budgeting, Finance and Management k) Insurance, Transport and Tourism l) Computer Programming and Application	Discipline Specific Elective	4	4	30	50	--	20	100	3 Hours

Course No.	Course / Title of Paper	Course	No. of lectures (Per Week)	No. of Credits	Internal Assessment	University Assessment			Total Marks	Duration of Theory Examination
						Univ. Exam	Pract. Exam	Internship		
356	**Special Course Paper – III (Same Special Course Offered at S.Y.B.Com)** a) Business Administration b) Banking and Finance c) Business Law and practices d) Cooperation and Rural Development e) Cost and Works Accounting f) Business Statistics g) Business Entrepreneurship h) Marketing Management i) Agricultural and Industrial Economics j) Defence Budgeting, Finance and Management k) Insurance, Transport and Tourism l) Computer Programming and Application	Discipline Specific Elective	4	4	30	50	--	20	100	3 Hours

Third Year B. Com. w.e.f. 2021- 22

Semester – VI

Course No.	Course / Title of Paper	Course	No. of lectures (Per Week)	No. of Credits	Internal Assessment	University Assessment			Total Marks	Duration of Theory Examination
						Univ. Exam	Practical Exam	Internship		
361	Business Regulatory Framework - II	Core Course	4	3	30	70	--	--	100	3 Hours
362	Advanced Accounting - II	Core Course	4	3	30	70	--	--	100	3 Hours
363	Indian and Global Economic Development - II Or International Economics - II	Core Course	4	3	30	70	--	--	100	3 Hours
364	Auditing & Taxation - II	Core Course	4	4	30	50	20	--	100	3 Hours
365	**Special Course Paper – II (Same Special Course Offered at S.Y.B.Com)** a) Business Administration b) Banking and Finance c) Business Law and practices d) Cooperation and Rural Development e) Cost and Works Accounting f) Business Statistics g) Business Entrepreneurship h) Marketing Management i) Agricultural and Industrial Economics j) Defence Budgeting, Finance and Management k) Insurance, Transport and Tourism l) Computer Programming and Application	Discipline Specific Elective	4	4	30	50	--	20	100	3 Hours

Course No.	Course / Title of Paper	Course	No. of lectures (Per Week)	No. of Credits	Internal Assessment	University Assessment			Total Marks	Duration of Theory Examination
						Univ. Exam	Practical Exam	Internship		
366	**Special Course Paper – III (Same Special Course Offered at S.Y.B.Com)** a) Business Administration b) Banking and Finance c) Business Law and practices d) Cooperation and Rural Development e) Cost and Works Accounting f) Business Statistics g) Business Entrepreneurship h) Marketing Management i) Agricultural and Industrial Economics j) Defence Budgeting, Finance and Management k) Insurance, Transport and Tourism l) Computer Programming and Application	Discipline Specific Elective	4	4	30	50	--	20	100	3 Hours

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Semester: I

Financial Accounting- I

Course Code - 112 **No. of Credits :- 03 and for practical – 01**

Objective of the Course:-

1. To impart knowledge of basic accounting concepts
2. To create awareness about application of these concepts in business world
3. To impart skills regarding Computerised Accounting
4. To impart knowledge regarding finalization of accounts of various establishments.

Unit No.	Unit Title	Contents	Purposed Skills to be developed
1	Accounting Concepts, Conventions and Principles and an overview of Emerging Trends in Accounting	**(A) Accounting Concepts, Conventions and Principles** 1. Money Measurement 2. Business Entity 3. Dual Aspect 4. Periodicity Concept 5. Realization Concept 6. Matching Concept 7. Accrual / Cash Concept 8. Consistency Concept 9. Conservatism Principle 10. Materiality Concept 11. Going Concern Concept 12. Historical Cost Concept **(B) Emerging Trends in Accounting** 1. Inflation Accounting 2. Creative Accounting	• Knowledge about various accounting Concepts, Conventions and Principles. • Understanding emerging trends in accounting and its effect on accounting Practices.

		3. Environmental Accounting 4. Human Resource Accounting 5. Forensic Accounting	
2	Piecemeal Distribution of Cash	1. Surplus Capital Method only, Asset taken over by a partner, 2. Treatment of past profits or past losses in the Balance sheet, 3. Contingent liabilities 4. Realization expenses/amount kept aside for expenses 5. adjustment of actual, Treatment of secured liabilities, 6. Treatment of preferential liabilities like Govt. dues/labour dues etc., Excluding: Insolvency of partner and Maximum Loss Method.	• Knowledge about process of dissolution of partnership firm.
3	Accounts from Incomplete Records (Single Entry System)	1. Meaning of single entry system 2. Features of Single Entry System 3. Conversion of Single Entry into Double Entry	• Knowledge about single entry systems. • Purpose and advantages of double entry system • Process of conversion of single entry into double entry system.
4	Introduction to Goods and Services Tax laws and Accounting	1. Constitutional Background of GST, Concepts and definition of GST. 2. IGST, CGST and SGST 3. Input and Output Tax credit 4. Procedure for registration under GST	• Knowledge about conceptual framework of the GST • Knowledge about various components of GST. • Types of taxes under GST • Registration process under GST for business establishments.

Practical for Semester– I

Topic	Mode of Practical
Constitutional Background of GST, Concepts and Implications of GST.	Library Assignment
IGST, CGST and SGST	Guest Lecture
Procedure for registration under GST	Visit to a business establishment
Input and Output Tax credit	PowerPoint Presentation

Teaching methodology

Topic No.	Total Lectures	Innovative methods to be used	Film shows and AV Applications	Project	Expected Outcome
1	12	PowerPoint Presentations	Videos available on YouTube	Library assignment on Types of accounting principles and conventions with its usage and emerging trends in accounting	Students will be able to acquire in-depth knowledge
2	12	Group Activity	Videos available on YouTube	--	Students will be able to acquire in-depth knowledge
3	12	PowerPoint Presentations	Videos available on YouTube	Group activity of conversion of single entry into double entry system	Students will be able to understand the process and importance of conversion of single entry into double entry system
4	12	Visit and interview	Videos available on YouTube	Compilation of information about the contents in the syllabus in a journal	Students will gain knowledge about GST and its implications.

References

Sr. No.	Title of the Book	Author/s	Publication	Place
1.	Advanced Accounts	M.C. Shukla, T.S. Grewal, S.C. Gupta	S. Chand Publication	New Delhi.
2.	Financial Accounting for B.Com	CA (Dr.) P.C. Tulsian S.C. Gupta	S. Chand Publication	New Delhi.
3.	Introduction to Accountancy	S.R.N Pillai & Bhagavathi	S.Chand & CompanyLtd	New Delhi
4.	Corporate Accounting	Raj Kumar Sah	Cengage Publications	Noida, Uttar Pradesh
5.	**Advanced Accounting**	**S. N. Maheshwari**		
6.	**GST Law and Analysis with Conceptual Procedures**	**Bimal Jain and Isha Bansal (Set of 4 Volumes)**	Pooja Law Publishing Company	New Delhi
7.	**Guidance Note on GST by ICAI**	**--**	The Institute of Chartered Accountants of India	New Delhi

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Semester-I

Business Economics (Micro) - I

Course Code - 113 **No. of Credits :- 03**

Objectives of the course:-

1. To impart knowledge of business economics
2. To clarify micro economic concepts
3. To analyze and interpret charts and graphs
4. To understand basic theories, concepts of micro economics and their application

Unit No.	Unit Title	Contents	Purpose & skills to be developed
1	**Introduction and Basic Concepts**	1.1 Meaning, Nature, Scope and Importance of Business Economics 1.2 Concept of Micro and Macro Economics 1.3 Tools for Economic Analysis- Functional Relationship, Schedules, Graphs and Equations 1.4 Basic Concepts: Household, Consumer, Firm, Plant and Industry 1.5 Goals of Firms- Economic and Non-Economic	• To make the students aware of concepts in micro economics • To help the students understand the difference between micro and macro economics • To make the students understand economic and non-economic goals of firms. **Skills :** Analyze and think critically, develop writing skills
2	**Consumer Behavior**	Utility: Concept and Types 2.2 Cardinal Approach: Law of Diminishing Marginal Utility and Law of Equi Marginal Utility 2.3 Consumer Surplus: Concept and Measurement 2.4 Ordinal Approach: Indifference curve Analysis- Concept, Characteristics, Consumer Equilibrium	• To help the students understand the concept of utility • To impart knowledge of cardinal and ordinal approach • To make them understand the concept of consumer surplus **Skills:** Understanding complex theories and concepts Geometrical skills, mathematical aptitude, writing skills

3.	**Demand and Supply Analysis**	3.1 Concept of Demand 3.2 Determinants of Demand 3.3 Law of Demand 3.4 Elasticity of Demand 3.4.1 Price Elasticity of Demand - Meaning, Types, Measurement, Uses and Significance 3.4.2 Income Elasticity of Demand-Meaning and Types 3.4.3 Cross Elasticity of Demand-Meaning and Types 3.5 Supply : Concept, Determinants and Law of Supply 3.6 Equilibrium of Demand and Supply for Price Determination	• To understand the concept of demand and elasticity of demand • To impart knowledge of law of supply and the determinants of law of supply • To help the students understand price determination in varied demand and supply condition **Skills imparted:** Applying mathematical and statistical analysis methods extracting information, drawing conclusions
4.	**Production Analysis**	4.1 Concept of Production Function 4.2 Total, Average and Marginal Production 4.3 Law of Variable Proportions 4.4 Law of Returns to Scale 4.5 Economies and Diseconomies of Scale-Internal and External	• To help the students understand the relation between revenue concepts • To understand theories of production function • To make students know about economies and diseconomies of scale **Skills:** Interpret economic theories, writing skills, understand charts and graphs.

Teaching methodology

Topic No.	Total Lectures	Innovative methods to be used	Film shows and AV Applications	Project	Expected Outcome
1	12	• Open book discussion • Case studies • Problem solving based learning	You tube lectures on micro and macro economics	• Functional relations • Goals of firms	• Students will understand basic concepts of micro economics, • Will be able to analyze and interpret
1.	12	• Digital lectures • Jigsaw reading	You tube lectures	Types of utility	• Will know cardinal and ordinal approach • Will understand the concept of consumer surplus
2.	12	• Game oriented classes • Pair learning • Group discussion	• Films • You tube lectures	Type of goods and elasticity of demand	• Will understand the concept of demand and elasticity of demand • Will understand the concept of supply • Able to interpret equilibrium in the market
3.	12.	• Group discussion • Teacher driven power point presentation • Games and simulation	• You tube lectures • Online PPTs	Effect of economies of scale on industries (with example of an industry)	• Will understand revenue concept • Will know economies and diseconomies of scale

References

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Microeconomics	B. Douglas Bernheim and Michael D. Whinston	Tata McGraw Hill	New York
2	Microeconomics	Pindyck, R.S. and D.L. Rubinfeld	Pearson Education	London

3	Principles of Economics	Stiglitz, J.E. and C.E. Walsh	Oxford Univ. Press	United Kingdom
4	Microeconomics: Theory and Applications	Salvatore, D.L	Oxford Univ. Press	United Kingdom
5	Intermediate Microeconomics: A Modern Approach	Varian, H.R.,	W.W. Norton	United Kingdom, United states
6	Microeconomic Theory,	Sen, Anindya	Oxford Univ. Press	United Kingdom
7	Modern Microeconomics	Koutsoyiannis, A	MacMillan Press	India
8	Principles of Microeconomics	H.L. Ahuja	S. Chand	New Delhi

Suggested references

Web reference

Sr. no	Lectures	Films	Animation	PPTs	Articles
1.	https://mitpress.mit.edu/books/lectures-microeconomics	https://www.economicsnetwork.ac.uk/teaching/Video%20and%20Audio%20Lectures/Principles%20of%20Microeconomics	https://www.youtube.com/redirect?q=http%3A%2F%2Fwww.thateconstutor.com&v=Zre4tp90Aog&redir_token=6U11cd7zsOZt8fGKACK3B5JHJNh8MTU1NzkyNzkzMUAxNTU3ODQxNTMx&event=video_description	https://ctaar.rutgers.edu/gag/ppc2_files/ppc2.ppt	http://scholar.google.co.in/scholar?q=articles+on+microeconomics&hl=en&as_sdt=0&as_vis=1&oi=scholart
2.	https://www.amazon.com/Lectures-Microeconomics-Questions-Approach-Press/dp/0262038188	https://nptel.ac.in/courses/109104125/	https://www.youtube.com/watch?v=ewPNugIqCUM	https://www.slideshare.net/tribhuwan64/presentation-on-importance-of-microeconomics	http://theconversation.com/global/topics/microeconomics-3328

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Semester: I

Business Mathematics & Statistics- I

Course Code – 114 (A) **No. of Credits :- 03**

Objective of the Program

1. To introduce the basic concepts in Finance and Business Mathematicsand Statistics
2. To familiar the students with applications of Statistics and Mathematics in Business
3. To acquaint students with some basic concepts in Statistics.
4. To learn some elementary statistical methods for analysis of data.
5. The main outcome of this course is that the students are able to analyze the data by using some elementary statistical methods

Unit No.	Unit Title	Contents	Purpose/Skills to be developed
1	**Interest and Annuity**	**Interest:** Concept of Present value and Future value, Simple interest, Compound interest, Nominal and Effective rate of interest, Examples and Problems **Annuity:** Ordinary Annuity, Sinking Fund, Annuity due, Present Value and Future Value of Annuity, Equated Monthly Installments (EMI) by Interest of Reducing Balance and Flat Interest methods, Examples and Problems.	1. To understand the concept of Simple interest, compound interest, effect of compounding. 2. To understand the concept of Annuity and its applications for EMIs and Amortization Schedule.
2	**Shares and Mutual Funds**	**Shares:** Concept of share, face value, market value, dividend, brokerage, equity shares, preferential shares, bonus shares. Examples and Problems **Mutual Funds:** Concept of Mutual Funds, Problems on calculation of Net Income after considering entry load, Dividend, Change in Net Asset Value (NAV) and exit load. Averaging of price under the Systematic Investment Plan (S.I.P.). Examples and Problems	1. To understand the concept of shares and mutual funds. 2. To understand contribution of shares and mutual funds in systematic investment plans 3. To solve problems related to shares and mutual funds
3	**Population and Sample**	Definition of Statistics, Scope of Statistics in Economics, Management Science and Industry. Concept of population and sample, methods of data collection: Census and sampling with illustration. Methods of random sampling – SRSWR, SRSWOR, Stratified, Systematic (Description of sampling procedures only).	1. Collection of data 2. Analyzing and interpreting data. 3. Knowing different method of sampling

4	**Measures of Central Tendency and Measures of Dispersion**	Frequency distribution: Raw data, attributes and variables, Classification of data, frequency distribution, cumulative frequency distribution, Histogram and ogive curves. Requisites of ideal measures of central tendency, Arithmetic Mean, Median and Mode for ungrouped and grouped data. Combined mean, Merits and demerits of measures of central tendency, Geometric mean: definition, merits and demerits, Harmonic mean: definition, merits and demerits, Choice of A.M., G.M. and H.M. Concept of dispersion, Measures of dispersion: Range, Variance, Standard deviation (SD) for grouped and ungrouped data, combined SD, Measures of relative dispersion: Coefficient of range, coefficient of variation. Examples and problems.	1. To classify and represent data in tabular and graphical form. 2. To compute various measures of central tendency and measures of dispersion.

Teaching methodology

Topic No.	Total Lectures	Innovative methods to be used	Expected Outcome
1	16	ICT	Students will be able to apply concepts of interests and annuities to calculate EMI, prepare amortization schedule, calculate insurance premiums etc
2	8	ICT	Students will be able calculate dividend, brokerage on shares and mutual funds. Also students will be able to able to identify the contribution of shares and mutual funds in systematic investment plans and to select best investment options
3	8	ICT	Students will be able to recognize and classify different types of data. Students will be able to take a sample of appropriate size using suitable method of sampling.
4	16	ICT	Students will be able to calculate measures of central tendency and measures of dispersion. Students will be able to use appropriate measure of central tendency or measure of dispersion for given data to given problems from business or economics.

References:

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Practical Business Mathematics	S. A. Bari	New Literature Publishing Company	New Delhi
2	Mathematics for Commerce	K. Selvakumar	Notion Press	Chennai
3	Business Mathematics with Applications	Dinesh Khattar & S. R. Arora	S. Chand Publishing	New Delhi
4	Business Mathematics and Statistics	N.G. Das & Dr. J.K. Das	McFraw Hill	New Delhi
5	Fundamentals of Business Mathematics	M. K. Bhowal	Asian Books Pvt. Ltd	New Delhi
6	Operations Research	P. K. Gupta & D. S. Hira	S. Chand Publishing	New Delhi
7	Mathematics for Economics and Finance: Methods and Modeling	Martin Anthony and Norman Biggs	Cambridge University Press	Cambridge
8	Financial Mathematics and Its Applications	Ahmad Nazri Wahidudin	Ventus Publishing ApS	Denmark
9	Fundamentals of Mathematical Statistics	Gupta S. C. and Kapoor V. K.:,	Sultan Chand and Sons	23, Daryaganj, New Delhi 110002
10	Statistical Methods	Gupta S. P.:	Sultan Chand and Sons	23, Daryaganj, New Delhi 110002
11	Applied Statistics	Mukhopadhya Parimal	New Central Book Agency Pvt. Ltd.	Calcutta.
12	Fundamentals of Statistics	Goon A. M., Gupta, M. K. and Dasgupta, B.	World Press	Calcutta.
13	Fundamentals of Applied Statistics	Gupta S. C. and Kapoor V. K.:,	Sultan Chand and Sons	23, Daryaganj, New Delhi 110002

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Semester: I

Computer Concepts and Application - I

Course Code – 114 (B) **No. of Credits :- 03**

Objective:

1. To make the students familiar with Computer environment.
2. To make the students familiar with the basics of Operating System and business communication tools.
3. To make the students familiar with basics of Network, Internet and related concepts.
4. To make awareness among students about applications of Internet in Commerce.
5. To enable make awareness among students about e-commerce and M commerce.

Unit 1 Introduction to Computer and Operating system **[12]**

Introduction to Computer
Definition, Block Diagram, Computer Hierarchy, (Classification),
Characteristics of Computer

Computer System Hardware
Computer Memory
Input and Output Devices

Definition – Software
Software Types - System Software, Application Software

Definition of Operating System

Types of Operating Systems,
Functions of Operating Systems

Working with Windows Operating System:

Introduction, The Desktop, Structure of Windows, Windows Explorer, File and Folder Operations, The Search, The Recycle Bin, Adding or Removing New Programs using, Control Panel, Applications in windows (Paint, Notepad, WordPad, and Calculator)

Introduction to Free and Open Source Software

Definition of Computer Virus, Types of Viruses, Use of Antivirus software.

Unit 2 Office automation tools [12]

Definition of Information Technology (IT)
Benefits of Information Technology (IT)
Applications of Information Technology (IT)

Office automation tools

MS-Word: Introduction, Starting MS-Word, MS-Word Screen and its Components, Elementary Working with MS-Word

MS-Excel: Introduction, Starting MS-Excel, Basics of Spread sheet, MS-Excel Screen and Its Components, Elementary Working with MS-Excel

MS-PowerPoint: Introduction, Starting MS-PowerPoint, Basics of PowerPoint, MS-PowerPoint Screen and Its Components, Elementary Working with MS PowerPoint

Data Processing: Files and Records, File Organization (Sequential, Direct/Random, Index)

Unit 3 Introduction to Computer Network [12]

Introduction
Importance of Networking
Computer Network (LAN, WAN, MAN)

Network Components (Hub, Switch, Bridge, Gateway, Router, Modem)

Network Topology, Wireless Network
Internet and Internet application
Introduction, Internet evolution, Working of Internet, Use of Internet

Overview of World Wide Web (Web Server and Client)
Introduction to Search engine and Searching the Web, Downloading files, Introduction to Web Browsers, Working with E-mail (creation and use of the same)

Introduction to Internet Security
Security, Privacy, Ethical Issues & Cyber Law

Unit 4 Computer applications in Commerce [12]

Computer Applications in Business – Need and Scope

Computer Applications in various fields of Commerce:
Personnel Administration, Accounting, Cost and Budgetary Management, Purchasing, Banking, Insurance and Stock-broking, e-governance

E-Commerce

Defining e-Commerce, Main Activities of Electronic Commerce, Benefits of E-Commerce; Broad Goals of Electronic Commerce; Main Components of E-Commerce; Functions of Electronic Commerce – Communication, Process Management, Service Management, Transaction Capabilities;

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Semester: I

Organizational Skills Development- I

Course Code – 115 - A **No. of Credits :- 03**

Objectives of the course

1. To introduce the students to the emerging changes in the modern office environment
2. To develop the conceptual , analytical , technical and managerial skills of students efficient office organization and records management
3. To develop the organizational skills of students
4. To develop Technical skills among the students for designing and developing effective means to manage records , consistency and efficiency of work flow in the administrative section of an organsation
5. To develop employability skills among the students

Depth of the program – Fundamental Knowledge

Unit No.	Unit Title	Contents	Purpose Skills to be developed
1	Concept of Modern Office	a. Modem Office :- Definition, Characteristics, importance and functions b. Office environment:- Meaning and Importance c. Office Location :-Meaning, Principles and factors affecting Office location d. Office Layout :- Meaning, Principles and factors affecting Office Layout	1. Conceptual Clarity on the meaning of a modern office 2. Developing understanding on the internal and external factors of an office environment 3. Developing analytical and technical skills to contribute towards planning office location and layout
2	Office Organisation and Management	a. Office Organisation : Definition, Importance, Principles and Types of Organisation b. Office Management:- Definition, Functions c. Scientific Office Management :- Meaning, Aims, Techniques of Scientific Office Management and Steps for installation of Scientific Office Management	1. Conceptual clarity on the meaning of Scientific office management 2. Development of understanding in various techniques for scientific management

3	Office Records Management	a. Office Records Management -Definition, Objectives, Scope of Records Management, Significance, Principles of Records management. b. Digitalization of records:- Advantages and Problems of Digitalization c. Form Design:- Objectives, types of forms, Significance, Principles of form designing d. Office Manual – Definition, Contents Types , benefits and limitations	1. Introduction to concept of digitalization of records 2. Technical skills and critical analysis skills for designing of various office documents for effective records creation and maintenance
4	Office work	Office work :-Meaning and Characteristics, Flow of work :- Significance, Features of Ideal flow of work ,benefits of flow of work ,problems in smooth flow of work , suggestions for even flow of work	1. Analytical skills for process improvement in office work.

Teaching Methodology

Topic No.	**Total Lectures**	**Innovative methods to be used**	**Film shows and AV Applications**	**Project**	**Expected Outcome**
1	12	Power Point Presentation	Online Videos	Making a model of office layout in groups	Conceptual Clarity on meaning of Modern Office, internal and external factors of an office environment
2	12	Power Point Presentation			Conceptual clarity on the meaning of Scientific office management and understanding various techniques for scientific management

3	12	Guest Lectures by Experts	Visit to any organization , college, bank etc (group assignment)	Report on the records management system based on the visit	Technical skills and Critical analysis skills
4	12	PPT , Educational Videos	Visit to any organization , college, bank etc (group assignment)	Report on the visit and suggestions for improvement in work flow of the organization visited	Development of Technical and Analytical abilities

References :

<u>List of Books Recommended :-</u>

1. Modern Office Management – By Mills, Geoffrey
2. Office Management – By Dr. R.K. Chopra , Priyanka Gauri
3. Office Management – By R.S.N. Pillai
4. Office Management – By K.L.Maheshwari , R.K . Maheshwari
5. Modern Office Management : Principles and Techniques – By J.N.Jian , P.P.Singh

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Semester: I

BANKING & FINANCE- I

(Fundamentals of Banking I)

Course Code – 115 - B **No. of Credits :- 03**

Objectives -

- To provide knowledge of fundamentals of Banking
- To create awareness about various banking concepts
- To conceptualize banking operations.

Unit No.	Unit Title	Contents	Purpose Skills to be developed
1.	**Evolution of Banking**	• Meaning, Definition and Origin of 'Bank' • Evolution of Banking in Europe and Asia • Evolution of Banking in India • Structure of Indian Banking System	• Knowledge of evolution of banking. • Understanding structure of Indian Banking
2.	**Functions of Bank**	**Primary Functions:** o **Accepting Deposits:** i. Demand Deposits - Current Deposit and Savings Deposits; ii. Time Deposits - Fixed Deposit and Recurring Flexi Deposits (Auto Sweep) o **Granting Loans and Advances-** i. Short Term Loan- Overdraft Facility, Cash Credit Facility, Purchasing and Discounting of Bills, ii. Term Loan	• Understanding primary and secondary functions of a bank. • Understanding the concepts related to lending and ratios.

		Secondary Functions: A. Agency Functions- Payment and Collection of a Cheque, Bill and Promissory Note, Execution of standing instructions, Acting as a Trustee and Executor B. General Utility Functions- Safe Custody, Safe Deposit Vaults, Remittance of funds, Pension payments, Acting as a Dealer in Foreign Exchange (FOREX) Market. C. Distribution of Third Party Products, Bancassurance, Mutual Funds, Issuance of Credit Card and Debit Card D. Non Fund Based Credit Facilities- Letter of Credit, Bank Guarantee and Deferred Payment. E. Government Business – Collecting GST, Stamp Duty, Excise Payment, etc. • Concepts of Priority and non- priority sector lending Security Based and Purpose Oriented Lending, Bridge Loans, Reserve Ratios- CRR and SLR. Credit Appraisal and Credit Monitoring	

3.	**Procedure for Opening and Operating of Deposit Account**	Procedure for Opening of Deposit Account: Know Your Customer Norms, (KYC Norms), Application Form, Introduction, Proof of Residence, Specimen Signature, and Nomination Facility: Their Importance. No Frill Account Procedure for Operating Deposit Account: Pay-in-slip, Withdrawal slip, Issue of Pass Book, (Current, Savings or Recurring Deposit), Issue of Cheque Book, Issue of Fixed Deposit Receipt, Premature encashment of a Fixed Deposit and Loan against Fixed Deposit. Recurring Deposit: Premature encashment and loan against Recurring Deposit. a) Closure of Account b) Transfer of Account c) Death Claim Procedure **Types of Account Holders** a) Individual Account Holders- Individual Account, Joint Account, Illiterate, Minor, Married Woman, Pardahnashin Woman, Non-Resident Account b) Institutional Account Holders- Sole Proprietorship, Partnership Firm, Joint Stock Company, Hindu Undivided Family, Clubs, Associations, Societies and Trusts.	• Understanding the process of opening and operating procedure of bank accounts. • Understanding various types of bank accounts holders

4	**Methods of Remittance**	Demand Draft, Bankers' Cheque Electronic Funds Transfer (EFT) – Real Time Gross Settlement (RTGS), National Electronic Funds Transfer (NEFT), Procedure of fund transfer through NEFT/ RTGS, Society for Worldwide Interbank Financial Telecommunication (SWIFT) Immediate Payment Service (IMPS) - Interbank (Bank to Bank) and Intra Bank (Branch to Branch) Fund Transfer	• Understanding various methods of remittance.

Teaching Methodology

Topic No.	Total Lectures	Innovative methods to be used	Film shows and AV Applications	Project	Expected Outcome
1.	**10**	Lecture, PPT/ Poster Presentation, Group Discussion, Library / Home Assignment	Relevant YouTube videos	**NA**	• Knowledge of evolution of banking. • Understanding structure of Indian Banking
2.	**14**	Lecture, PPT/ Poster Presentation, Group Discussion, Library / Home Assignment	Relevant YouTube videos	Report writing of expert lecture	• Understanding primary and secondary functions of a bank. • Understanding the concepts related to lending and ratios.

3.	**14**	Lecture, Expert Lecture, PPT/ Poster Presentation, Group Discussion, Library / Home Assignment,	Relevant YouTube videos	Visit to a bank	• Understanding the process of opening and operating procedure of bank accounts. • Understanding various types of bank accounts holders
4.	**10**	Lecture, Expert Lecture, PPT / Poster Presentation, Group Discussion, Library / Home Assignment,	Relevant YouTube videos	Visit to a bank	• Understanding various methods of remittance.

References:

1. Majumdar N. C., 'Fundamentals of Modern Banking', New Central Book Agency (P) Ltd., New Delhi.
2. Arondekar A.M. & Others, 'Principles of Banking', Macmillan India Pvt. Ltd.
3. Srinivasan D. & Others, 'Principles & Practices of Banking', Macmillan India Pvt. Ltd.
4. Agarwal O.P., (4th Edition, 2017), 'Banking and Insurance', Himalaya Publishing House.
5. Gopinath M. N.,(1st Edition, 2008),'Banking Principles and Operations', Snow White Publications Pvt. Ltd, Mumbai
6. Gordon E. & Natarajan K., 'Banking - Theory, Law and Practice', (21st Revised Edition), Himalaya Publishing House.
7. Joshi Vasant & Joshi Vinay, (3rdEdition), 'Managing Indian Banks', Sage Publication, New Delhi.
8. VarshneyP.N. (12th Edition, 2003), 'Banking - Law and Practice', Sultan Chand & Co. New Delhi
9. Kothari V., (26th Edition) 'Tannan's Banking Law & Practice in India,' Lexis Nexis Publication.

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Semester- I

Defense Organization and Management in India

DEFENSE ORGANISATION AND MANAGEMENT IN INDIA-I

Course Code – 115 - D **No. of Credits :- 03**

Objectives:

1) To understand the role of Armed Forces and Defense structure of Indian Armed Forces.

2) To know the vital elements of Indian Defense Organization in India.

3) To know the second line of Defense in India

Unit No.	Topic	No. of Lectures	Teaching Method	Skills to be developed
1.	**Development of Defense Organization after Independence** 1.1 Reconstruction of Indian Armed Forces since 1947. 1.2 Development of the Army after Independence. 1.3 Development of the Navy after Independence. 1.4 Development of the Air Force after Independence. 1.5 Principles of Defense Organisation.	**12**	Lecture, PPT, Group Discussion, Library Work, Assignment	• Understanding defence organization after independence. • Understanding the principles of Defense organization
2.	**Elements of Defense Organization in India.** 2.1 Powers of the President in relation to the Armed Forces. 2.2 Defense Committee of the Cabinet. 2.3 Ministry of Defense – its organizational & function.	**12**	Lecture, PPT, Group Discussion, Library Work, Study Visit	• Understanding the elements of defense organization in India.

	2.4 National Security Council.			
3.	**Defense Structure of Indian Armed Forces** 3.1 Chief of Staff Committee. 3.2 Organization of Army, Naval & Air Headquarters. 3.3 Organization of Army, Naval & Air Commands.	**12**	Lecture,PPT, Group Discussion, Library Work,	• Understanding the defense structure of Indian Armed Forces
4.	**Para Military Forces of Defense** 4.1 Border Security Force. 4.2 Coast Guard. 4.3 Territorial Army. 4.4 Home Guard. 4.5 Civil Defense. 4.6 National Cadet Corps (N.C.C.) 4.7 Central Reserve Police Force. 4.8 State Reserve Police Force.	**12**	Lecture,PPT, Group Discussion, Library Work, Assignment	• Understanding the paramilitary force of defense.
	Total	**48**		

References:

1) Ron Mathews, "Defense Production in India" ABC, New Delhi.
2) Raju G. C. Thomas (1978), ''The Defense of India a Budgetary Perspective of Strategy and Politics', Mac Millan Publication, New Delhi.
3) Sam C.Sarhesian – The Military Industrial Complex a Reassessment', Sage Publication, New Delhi.
4) Maj. Gen. Pratap Narain [Retd] (1998), India's Arms Bazar," Shilpa Publication, New Delhi.
5) L t. Gen. R. K. Jasbir Singh(1999),Indias Defense Year Books', Nataraj Publication, Dehradun.
6) Chaudhari A.P., 'सं.र¾णशा\€' Nilkantha Publication, Pune
7) Jadhav V.Y, 'भारताची रा.Ş्य सु.र¾ा', Snehvardhan Publication , Pune.
8) Venkateshwaram A. L. 'Defense Organisation in India'
9) C. Lakshmi (1998) 'Trends in India's Defense Expenditure,' ABC, New Delhi.

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Semester- I

Theory and Practice of Co-operation- I

Course Code – 115 - E **No. of Credits :- 03**

Objectives of the course:

1. To acquaint the students with the concept of co-operative movement.
2. To introduce the scope of Co-operation.
3. To make students build their career in the field of Co-operation and Rural Development.

Depth of Programme: - Fundamental Knowledge

Unit No.	Unit Title	Contents	Purpose Skills to be developed
1	**Co-operation-**	Meaning & Definitions, Objectives, Nature and Scope of Co-operation, Strength and Weakness of Co-operative Movement ,Principles of Co-operative **International Co-operative Alliance (ICA)** Meaning ,objectives, ICA Board Code of Governance, International Co-operative Alliance (I.C.A) Committee-1937,1966,1995 Problems & Challenges faced by the Co-operative sector	i. To understand the objectives, Nature and scope of co-operation ii. To understand the Co-operative Movement iii. To understand International Co-operative Alliance and ICA Committee 1937,1966,1995

2	**History of Co-operative Movement in India**	Introduction and Development of Co-operative Movement in Pre Independence period. Strength and weakness of Co-operative Movement , Sir Fedrick Nicholson Report 1904 , Maclagen Committee Report 1912 , Study of eminent supporters and their contribution	i. To understand the development of Co-operative Movement in India ii. To understand Sir Fedrick Nicholson Report and Maclagen Committee Report To understand eminent supporters and their contribution in Co-operative Movement of India
3	**Development of Co-operative Movement in India in post Independent Era**	Contribution of Co-operative Leaders in post Independent Era up to the present Stage, Gorewala Committee Report 1954 , Vaidyanathan Committee Report 2005 , Development of Co-operative Movement in Maharashtra , Current scenario of Co-operative Movement in India	i. To understand the Contribution of Co-operative Leaders in India ii. To understand the Gorewala Committee Report, Vaidyanathan Commiittee Report iii. To understand Current scenario of Co-operative Movement in India
4	**Government and Co-operative Movement**	Role of Central Government , Role of State Government Co-operative Vs Capitalism & Communism	i. To understand the role of Government in Co-operative Movement ii. To understand Co-operative Vs Capitalism & Communism

Teaching Methodology

Topic No.	Total Lectures	Innovative Methods to be used	Film Shows and AV Application	Project	Expected Outcome
1	12	Pre reading, Class discussion, examples from real life through newspapers and internet resources. Debate on The Strength and Weakness of co-operative movement in Maharashtra, Poster presentation	Short Film Show on Co-operative Movement, AV Application (Audio and Visual Application)	Project on Current scenario of Co-operative Movement in Maharashtra	Understanding of basic knowledge of co-operative movement Understanding Scope, Strength and Weakness of co-operative movement. Understanding International Co-operative Alliance

2	12	Organise Semesterinar/workshop for students, Pre reading, Class discussion, Internet resources. case studies, Field visit to Co-operative Sugar Factory, visit to Agriculture Co-operative and Non Agriculture Co-operative society, Survey report	You Tube Video on History of Co-operative Movement **in India**	Project Report on Co-operative Sugar Factory, Rural Co-operative and Urban Co-operative credit Society	Understanding History and current scenario of Co-operative Movement in India
3	12	Guest Lectures of eminent personalities in co-operative movement and Rural Development , experience sharing, Pre reading, Class discussion, examples from real life through newspapers and internet resources, case studies, PPT, Interview of co-operative leader	Presentation on Contribution of Co-operative Leaders in post Independent Era up to the present Stage	Project Report on Development of Co-operative Movement in Maharashtra	Understanding Contribution of Co-operative Leaders in post Independent Era up to the present Stage , Development of Co-operative Movement in Maharashtra
4	12	Pre reading, Class discussion, examples of various co-operative institution through Newspapers and internet resources, Guest Lectures of eminent personalities ,PPT	Group discussion on Co-operative Vs Capitalism & Communism	Project Report on Role of Government in Co-operative Movement	Understanding Role of Government in Co-operative Movement

References

Sr. No	Title of Book	Author/s	Publication	Place
1	Co-operation and Rural Development	Principal Dr.Nitin Ghorpade	Success	Pune
2	Co-operation- Principles and Practice-	Dr. D.G. Karve		
3	Theory, History and Practice of Co-operation	Dr. R.D. Beddy		
4	Bhartiya Sahkari Chalval- Tatve va Vyavhar (Marathi)	Prof. Jagdish Killol; Prof. Arvind Bondre; Prof. A. C. Bhavsar		
5	Sahkari Chalval 1904-2004 (Marathi)	Prof. K. L. F ale		
06	Rural Development in India-Policies and Programme	Abdul Azees NP and S.M. Javed Aktar	Kalpaz Publication	
07	Human Resource Management Practices in Co-operative sector	Principal Dr.Shaikh Aftab Anwar	Idea Publication	New Delhi
08	Report of the High Power Committee on Co-operative May 2009 Ministry of Agriculture Government of India			
09	Journal of Commerce and Management Thought(JCMT)			
10	Journal Co-operative Organization and Management , Journal of Co-operative studies			

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Defense Organization and Management in India

Semester - I

Managerial Economics- I

Course Code – 115 - F **No. of Credits :- 03**

Objectives:

1. To acquaint the students with the concepts and techniques used in micro and macroeconomics.
2. To give the introduction to basic principles of microeconomics and to demonstrate how application of economic theory can improve decision making.
3. To build a perspective necessary for the application of modern economic concepts, precepts, tools and techniques in evaluating business decision taken by a firm.

Unit No.	Unit Title.	Content	Purpose Skills to be developed
1	Introduction	1.1 Nature, Scope and significance of managerial economics. 1.2 Managerial economics and microeconomics. 1.3 Managerial economics and macroeconomics. 1.4 Main characteristics of managerial economics. 1.5 Fundamental economic concepts- opportunity cost, Discounting Principle, Time perspective, incremental reasoning, equi-marginal concept. 1.6 Application of economics in managerial decision making. 1.7 Role and responsibilities of managerial economist in business.	i) To know the meaning, nature of managerial economics ii) To understand fundamental principles of economics. iii) To know the application of principles of managerial economics in business decision making.
2	Demand Analysis	2.1 Basis for demand - concept of utility 2.2 Cardinal Utility approach- Law of marginal utility, maximization of utility, consumer surplus. 2.3 Ordinal Utility approach- Indifference Curve, maximization of utility. 2.4 Law of demand- determinants of demand. 2.5 Elasticity of demand- Price, Income and Cross elasticity of demand. 2.6 Managerial application and importance of elasticity of demand.	i. To understand the concept of utility. ii. To understand the law of diminishing marginal utility in law of demand. iii. To understand the concept of elasticity and its importance in managerial decision making process.

3	Demand forecasting	3.1 Demand forecasting-Meaning, Methods of demand forecasting- Expert opinion, surveys and market experiments, Time series analysis, Trend Projection, Barometric forecasting. 3.2 Demand forecasting for a new product.(Developing, Testing and launching of new products)	i. To understand the concept of demand forecasting and its utility in demand forecasting of new product. ii. To make the students understand different methods of demand forecasting
4	Production and Cost Analysis	4.1 Law of supply- Determinants of supply. 4.2 Theory of production- Meaning and concept of production, 4.3 Law of Variable Proportions and Returns to a Scale. 4.4 Cost Analysis- Types of Cost - Economic cost and accounting cost, Private cost and social cost, Actual cost and opportunity cost, Past cost and future cost, Explicit cost and implicit cost, Incremental cost and Sunk cost. 4.5 Cost and cost curves under short-run and long run- Fix cost and variable cost, Average cost and marginal cost, Relation between average cost and marginal cost. 4.7 Revenue Curves- Concept of average, marginal and total revenue under different market conditions, relation between average and marginal revenue.	i. To understand the law of supply. ii. To know the various concept of costs and revenues.

Teaching methodology

Topic No.	Total Lectures	Innovative methods to be used	Film shows and AV Applications	Project	Expected Outcome
1	14	i. Open book discussion ii. Interactive lectures	i. Online PPTs ii. You tube lectures	i. Study costs in a local project. ii. Application of cost principles	The students will be able to decipher, analyze and apply the theory and practice of Managerial Economics
2	12	i. Open book discussion. ii. Group discussion with examples.	i. Online PPTs ii. You tube lectures	i. Study of types of elasticity of demand. ii. Study of elasticity of demand in managerial decision.	Students will develop an understanding of the need of businessman to locate the various factors affecting demand of the product and plans of marketing and business strategies accordingly.
3	08	i.) Interactive lectures	i. Online PPTs ii. You tube lectures	i. Study of methods of demand forecasting in a local firm.	Students will understand the demand forecasting of existing and new

		ii.) Case studies. . iii.) Teacher driven power point presentation.		ii. Comparative study of advantages of methods of demand forecasting.	product and its importance in managerial decision making.
4	14	i. Case studies. iiInteractive lectures.	i. Online PPTs ii. You tube lectures	i. Study of law of variable proportions in a firm. ii. Study of concept of costs in short run and long run.	Students will understand the analytics of supply and its various uses. Students will follow the relationship between costs, revenue, profit and losses.

References

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Managerial Economics	Domnik Salvatore-	Oxford University Press	Oxford University Press
2	"Managerial Economics-	Mark Hirschey, .	2. Mark Hirschey, Log "managerial Economics-An Integrative Approach", Cengage Learning.	2. Mark Hirschey, Log "managerial Economics-An Integrative Approach", Cengage Learning.
3	Managerial Economics-	D.M.Mithani,	Himalaya Publishing House	Mumbai
4	Managerial Economics,	P.L.Mehatha,	S.Chand Publishing	Mumbai
5	Managerial Economics, Pearson Education	Craig Peterson, Lewis and Jain,	Pearson Education	Pearson Education
6	Modern Economic Theory	K.K.Dewett,		
7	Managerial Economics, Margham Publications, Madras	Shankaran S.	Margham Publications, Madras	Madras
8	Managerial Economics,	Thomas Christopher R. and Charles,Maurice S.	McGraw Hill Irwin, Boston.	McGraw Hill Irwin, Boston.

Suggested references

Web reference

1. https://nptel.ac.in/courses/110101005/2
2. https://nptel.ac.in/downloads/110101005/
3. http://cec.nic.in/Pages/Home.aspx
4. http://en.wikipedia.org/wiki/Economics
5. http://www.investopedia.com/university/economics/#axzz1XwhFTmtm
6. http://www.tutor2u.net/blog/index.php/economics/
7. http://www.economicshelp.org/
8. https://www.intelligenteconomist.com/economics-blogs/
9. https://www.coursera.org/courses?query=managerial%20economics
10. https://www.edx.org/course/introduction-to-managerial-economics-0
11. https://www.mooc-list.com/tags/managerial-economics
12. https://online.stmary.edu/mba/courses/managerial-economics
13. https://www.tru.ca/distance/courses/econ3041.html
14. https://www.euromba.org/managerial-economic

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Essentials of E- Commerce

Course Code – 116 A **No. of Credits :- 03**

Objectives of the course

1. To acquaint the learner with knowledge on the basics of E-commerce.
2. To develop knowledge on various types of E-commerce business.
3. To develop practical knowledge on effective design of Website and Domain Registration.
4. To Develop knowledge on various modes of online transaction for crating convenience in day to day financial transactions and promoting cashless economy.
5. To introduce the learner to the concept of Electronic Data Inter exchange and its significance.

Depth of the program – Fundamental Knowledge

Unit No.	Unit Title	Contents	Purpose Skills to be developed
1	**Overview of Electronic Commerce(EC)**	Concept, Features and Functions of e-commerce practices v/s traditional practices ,scope and limitations of e-commerce , Recent trends in e-commerce , Risks in e- commerce and preventive measures	1. Conceptual understanding of basics of e-commerce
2	**Types of e-Commerce Business**	Definition and types of e-commerce business : B2B, B2C, C2B, C2C,B2G, C2G, B2A, C2A and P2P, B2B service provider.	1. Awareness on the various forms of e-commerce
3	**Infrastructure**	Internet and its role in e-commerce, Mobile and its role in e-commerce , procedure of registering an Internet domain , establishing connectivity to Internet ,tools and services of Internet , Requisites of selecting an appropriate domain name ,Website – Essential factors in designing and importance of an effective website	1. Technical knowledge on registration of a domain 2. Practical Knowledge on role of Internet in e-commerce 3. Analytical skills and Creative skills for web page designing

4	**E- Payment and Electronic Data Inter exchange**	A. **<u>E- Payment :</u>** Transactions through Internet , requirements of e-payments systems, functioning of Debit and credit cards, pre and post payment services Overview on Online Payment Portals and apps in India, CC Avenue, Paytm, BHIM, UPI, Phone Pe etc. Concept of Payment Gateway and Payment Processor B. **<u>Electronic Data Inter exchange</u>**: Evolution, uses, benefits, Working of EDI, EDI standards (includes variable length EDI standards), Cost Benefit Analysis of EDI, Electronic Trading Networks, EDI Components, File types, EDI Services , EDI Software.	1. Practical Oriented Skills on E-commerce 2. Conceptual Clarity on Online Payment Process 3. Conceptual Clarity on EDI and Electronic

Teaching Methodology

Topic No.	Total Lectures	Innovative methods to be used	Film shows and AV Applications	Project	Expected Outcome
1	10	Lecture Methods / Guest Lectures	Online Educational Videos		Developing understanding on E-commerce
2	12	Guest Lectures by subject Experts / Case Study	Online Educational Videos and Success stories	Case study on any one success story	Awareness on various e-commerce platforms
3	12	PPT / Lectures / Guest Lectures	Demonstration by Industry Expert		Technical , Practical , Analytical and Creative Skills
4	14	Live Demonstrations/PPT/Lectures	Online Educational Videos	Actual online transactions of Money transfer and online purchase via online payment for small value orders (can be	Technical and Practical Skills

				undertaken as a group) Payments to vendors via various payment apps apps	

Method of Evaluation

Subject	Internal Evaluation	External Evaluation	Suggested Add on Course
Unit – I	MCQ /Written Test /PPT	As per University norms	Certificate Web Page Designing
Unit – II	MCQ/Written test /Report Writing	As per University norms	Certificate course on Digital Marketing
Unit – III	Written Test/ Report and /or PPT on any 5 well designed websites	As per University norms	
Unit – IV	Written Test / MCQ	As per University norms	

References :

List of Books Recommended :-

1. The Complete E-Commerce Book - By Janice Reynolds
2. E-Commerce Website optimization – By Dan Corxen- John and Johaan van Tonder
3. E- Commerce – An Indian Perspective – By P.T.Joseph S.J.
4. E- Commerce – Business, Technology, Society – By Kenneth c. Laudomn and Carol Guercio Traver
5. Essentials of E-Commerce Technology – By. V.Rajaraman
6. E Business R(Evolution)- By Daniel Amor
7. E-Commerce Management - By Krishnamurthy
8. E-Commerce: Strategy, Technologies and Applications By David Whiteley

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Revised Syllabi (2019 Pattern) for three years B.Com Degree Course (CBCS)

Semester - I
Insurance and Transport- I
(Insurance)

Course Code – 116 - B **No. of Credits :- 03**

Objectives:

1. To acquaint students with the concepts of Insurance.
2. To create awareness regarding basic knowledge about Life Insurance, Fire Insurance and Marine Insurance.
3. To make the students aware of career opportunities in the field of Insurance

Unit No.	Topic	No. of Lectures	Teaching Method	Proposed skills to be developed
1.	**Introduction to Insurance** 1.1 Meaning and Nature of Insurance 1.2 Importance of Insurance 1.3 Scope of Insurance 1.4 Principles of Insurance 1.5 Risk and Insurance 1.6 Types – Life and General Insurance 1.7 Difference between Life and General Insurance 1.8 Career opportunities in Insurance Sector	**16**	Lecture, PPT, Group Discussion, Library Work, Assignment Companies	• Understanding the concept of insurance
2.	**Life Insurance** 2.1 Meaning and Features of LifeInsurance 2.2 Nature of Life Insurance 2.3 Origin of Life Insurance 2.4 Importance of Life Insurance 2.5 Principles of Life Insurance 2.6 Types of Life Insurance Policies 2.7 Procedure of Life Insurance Contract	**16**	Lecture, PPT, Group Discussion, Library Work, Study Visit to Office of the Insurance	• Understanding the concept of life insurance.

3.	**Fire Insurance** 3.1 Meaning and Features 3.2 Nature of Fire Insurance Contract 3.3 Types of Fire Insurance Policies	**08**	Lecture,PPT, Group Discussion, Library Work,	• Understanding the concept of fire insurance
4.	**Marine Insurance** 4.1 Meaning and Features 4.2 Marine Insurance Contract 4.3 Types of Marine Insurance Policies	**08**	Lecture,PPT, Group Discussion, Library Work, Assignment	• Understanding the concept of marine insurance
	Total	**48**		

References:

1. Khan M.Y. (1997), Financial Services, Tata McGrew-Hill Publishing Company Limited New Delhi .
2. Mishra M.N. (2004) Insurance - Principles and Practice, S. Chand and Company Ltd. New Delhi.
3. Gulati Neelam C., Principles of Insurance Management, Excel Books.
4. Haridas R., Life Insurance in India, New Century Publication New Delhi.
5. Godwin Frank, The Principles and Practice of Fire Insurance, Isaac Pitman and Sons Ltd. London.
6. Panda G.S., Principles and Practice of Insurance, Kalyani Publishers Ludhiyana.
7. Kanwal L.S., Text Book of Insurance, Kalyani Publishers Ludhiyana.
8. Mathhew M.J., Insurance, RBSA Publisher Jaipur.
9. सरफमोहन,tवमाशा\€,सी

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Semester - I

Marketing and Salesmanship- I

(Fundamentals of Marketing)

Course Code – 116 - C **No. of Credits :- 03**

Objectives of the Course

1. To introduce the basic concepts in Marketing.
2. To give the insight of the basic knowledge of Market Segmentation and Marketing Mix
3. To impart knowledge on Product and Price Mix.
4. To establish link between commerce, business and marketing.
5. To understand the segmentation of markets and Marketing Mix.
6. To enable students to apply this knowledge in practicality by enhancing their skills in the field of Marketing.

Unit No.	Unit Title	Contents	Purposed Skills To Be Developed
1	Introduction to Market and Marketing	1.1 Meaning and Definition of Market 1.2 Classification of Markets 1.3 Marketing Concept: Traditional and Modern 1.4 Importance of Marketing 1.5 Functions of Marketing: Buying, Selling, Assembling, Storage, Transportation, Standardization, Grading, Branding, Advertising, Packaging, Risk Bearing, Insurance, Marketing Finance, Market Research and Marketing Information. 1.6 Selling vs. Marketing	The basic knowledge of Market and Marketing will be developed amongst students.

2	Market Segmentation and Marketing Mix	2.1 Market Segmentation: - 2.1.1 Introduction 2.1.2 Meaning and Definition 2.1.3 Importance 2.1.4 Limitations 2.1.5 Bases for Segmentation 2.2 Marketing Mix 2.2.1 Introduction 2.2.2 Meaning & Definition 2.2.3 Elements of Marketing Mix- Product, Price, Place and Promotion 2.2.4 Importance of Marketing Mix	Students will develop the Marketing Segmentation knowledge along with the basic concept of Marketing Mix.
3	Product Mix and Price Mix	3.2 Product Mix 3.2.1 Meaning and Definition 3.2.2 Product Line and Product Mix 3.2.3 Product Classification 3.2.4 Product Life Cycle 3.2.5 Factors Considered for Product Management 3.3 Price Mix 3.3.1 Meaning and Definition 3.3.2 Pricing Objectives 3.3.3 Factors Affecting Pricing Decision 3.3.4 Pricing Methods	Students will get proper insight of Product and Price Mix.

4	Place Mix and Promotion Mix	a. Place Mix i. Meaning and Definition of Place Mix ii. Importance iii. Types of Distribution Channels – consumer goods and Industrial Goods iv. Factors Influencing selection of Channels 4.2 Promotion Mix 4.2.1 Meaning of Promotion Mix 4.2.2 Elements of Promotion Mix- Personal Selling, Public Relation and Sales Promotion 4.2.3 Factors Affecting Market Promotion Mix 4.2.4 Promotion Techniques or Methods	Students will develop the skills of promoting a product along with gaining knowledge about the distribution channels.

Teaching Methodology

Topic No.	Total Lectures	Innovative Methods to be used	Film shows and AV Applications	Expected Outcome
1	**14**	Power Point Presentation, Survey Analysis	Short Film AV Application	Student will get acquainted with the basics of marketing field.
2	**07**	Power Point Presentation, Survey Analysis, Group Discussion	Short Film AV Application	It will highlight on the core marketing concepts namely 'Marketing Mix'. It will help students to implement this knowledge in practicality by enhancing their skills in the field of market segmentation.
3	**14**	Conceptual Learning Group Discussion	AV Application	Students will develop the skills of Pricing the product along with gaining knowledge on Product Mix
4	**13**	Conceptual Learning, Power Point Presentation, Group Discussion	Short Film, AV Application Use of You Tube	It will help the students to apply the various techniques of Promotion and understand the various channels of distribution

References

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Marketing Management	Philip Kotler	Pearson Publication	
2	Marketing Management	Rajan Saxena	McGraw Hill Education	
3	Principles of Marketing	Philip Kotler	Pearson Publication	
4	Sales & Distribution Management	Tapan K Panda	Oxford Publication	
5	Advertising Management	Rajiv Batra	Pearson Publication	
6	Retail Management	Swapna Pradhan	McGraw Hill Publication	
7	Retail Management	Gibson Vedamani	Jayco Publication	
8	Marketing Management	V. S. Ramaswamy & S. Namakumari	Macmillan Publication	
9	Supply Chain Management	Sunil Chopra, Peter Meindl& D. V. Karla	Pearson Publication	

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Semester - I

Consumer Protection and Business Ethics - I

Course Code – 116 - D **No. of Credits :- 03**

Objectives of the Program

1. To develop general awareness of consumerism among the students.
2. To understand the consumers rights, responsibility and role of United Nations.
3. To have a comprehensive understanding about the existing law on consumer protection in India.
4. To create awareness among the students about dispute redresses machinery and basic procedures for handling consumer dispute.
5. To understand the issues relating to e-commerce, e-Banking emerging issues and internet regulations.

Unit No.	Unit Title	Contents	Purpose Skills to be developed
1	**Consumer Protection - An Overview**	Consumerism- Meaning, Evolution, Rational, Need and Importance of Consumerism, Consumer protection- objectives, scope and importance, Consumer rights and Standardization United Nations guideline on consumer protection- Objectives, scope of application , general principles and framework for consumer protection	understand the concept of consumerism Equip the students with knowledge the evolution, need and importance, of consumerism Understand the role of United Nations to protect consumer's interest.
2	**Consumer Education and Awareness**	Consumer education-Need and importance, Consumer Responsibility Role of consumer Association and Councils in consumer education and Awareness- Voluntary organization, Consumer protection councils, Media, Educational Institute and Government Skills required for career in Consumer studies field	Handling the emerging issues about consumer protection Acquaint knowledge and skills for career opportunity.

5.	**Consumer Protection Law in India ***	Consumer Protection Movement in India **Consumer Protection Act 1986**- Overview features, important definitions-consumers, Goods, services, Defect , Deficiency, unfair trade practices, Dispute, Complaint - Objectives, Consumer Disputes Redressal Agencies. (Composition, Jurisdiction, Powers and Functions.) Procedure of filling complaint and Procedure to deal with complain.	Compressive understanding about the existing consumer protection Act 1986. Apply the Law for consumer protection
6.	**E -Commerce and consumer Protection**	E Commerce- scope and limitations, Need and importance of E commerce , Prospects and challenges of Ecommerce and its effect on consumer Need and importance of E-Education consumer Protection in E-Banking Recent Emerging Issues in E-Commerce	Understand the concept of E commerce and Consumer Protection Acquaint students about various issues of E commerce. Able to appreciate the emerging questions and policy issues

[Note: Recent amendments in the Acts and relevant Landmark cases decided by courts are expected to be studied]

Teaching Methodology

Topic No.	**Total Lectures**	**Innovative methods to be used**	**Film shows and AV Applications**	**Project**	**Expected Outcome**
1	12	Documentary , PPT, Narration, Quiz, Survey Analysis Article review	Short film about consumer movement, Role of UN	Report Review	Acquaint knowledge and maturity to understand the consumers interest
2	12	Project making, Street play, jingles, slogan Competition,	Use of You tube, Review of Movie	New Emerging Issues in consumer protection	To get training to face emerging issues. To seek career opportunity in this field.

3	12	Case study, Poster making, Interview of lawyer , Mute court	Case Analysis, Mute court ,E filing of the case	Recent Laws and silent feature	To Acquaint knowledge and application of laws
4	12	Virtual Learning, Group Discussion,	Film on cyber security, Internet precautions	Project on E COMMERCE and Consumer protection	To defend and safety in e commerce. To learn e skills

References

Sr. No.	**Title of the Book**	**Author/s**	**Publication**	**Place**
1	Grahak Darshan	Mr. Bindu Madhav Joshi	Akhil Bhartiy Grahak Panchayat	Pune
2	Grahak Sanrakshan Adhiniyam	Ad Ghare S S	Mukund Publication	Pune
3	E- Commerce : An Indian Perspective	Dr.P. T. Joshep	PHI Publication	New Delhi
4	E Banking in India	Dr R K Uppal	New Century Publication	New Delhi
5	Consumer education and empowerment	Dr. S. S. Singh, Dr.Sapna Chadah	Abhijit Publication	New Delhi
6	GrahakRaja Jaga Ho	Prof. G. V. Kayandepatil	Chaitanya Publication	Nashik
7	United Nations Guidelines on Consumer Protection	unctad.org	UNCTAD	UNCTAD Geneva Switzerland
8	The Consumer Protection Act, 1986	Act	Govt of India	Delhi
9	The law of E Commerce	Dr A Alghamdi	Auther House	Mumbai

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Revised syllabi (2019 Pattern) for three years B.com Degree course (CBCS)

Semester - I

Business Environment & Entrepreneurship - I

Course Code – 116 - E **No. of Credits :- 03**

Objectives of the course:

1) To understand the concept of Business Environment and its aspects
2) To make students aware about the Business Environment issues and problems of Growth
3) To examine personality competencies most common to majority of successful entrepreneurs and to show how these competencies can be developed or acquired
4) To understand the difference between Entrepreneurial and non-Entrepreneurial behaviour
5) To provide knowledge of the significance of Entrepreneurship in economy
6) To familiarize the students with the contribution of selected institutes working to promote Entrepreneurship
7) To generate entrepreneurial inspiration through the study of successful Entrepreneurs

Unit No.	Unit Title	Contents	Purpose Skills to be developed
1	**Business Environment**	Concept- Importance - Inter relationship, between environment and entrepreneur, Aspects of Environment- Natural- Economic - Political - Social - Technical - Cultural - Educational - Legal & Cross-cultural – Geographical etc.	Understanding the concept of Business Environment and its aspects Skill-correlating aspects of business environment and entrepreneur
2	**Environment Issues**	Pollution-Concept and types –Causes of pollution-Remedies of Pollution, Remedies of pollution-protecting the natural environment-Conservation of natural resources - Opportunities in Environment	Making students aware about business environment issues and problems of growth Skills-capable of understanding and analysing environment issues and finding out solutions to resolve these issues

3	**Problems of growth**	Unemployment- Concept-Types-Causes-Remedies, Poverty- Concept- Causes- Remedies , Regional Imbalance- Concept-Effects –Solutions , Social injustice- Concept, Effects, Solutions ,Black Money –Meaning – Sources –Effects- Measures, Lack of technical knowledge and information- Problems-Remedies	Understanding the problem of growth Skill-Application of mind to resolve the problem of growth
4	**The Entrepreneur**	Evolution of the term entrepreneur –Definition - Competencies of an Entrepreneur – Distinction between a) entrepreneur and manager- b)Entrepreneur and Enterprise, Intrapreneur- Concept and importance –Distinction between Entrepreneur and Intraprenuer	Understanding the concept of entrepreneur, competencies of a successful entrepreneur, realising the difference between various concepts Skill-knowing the entrepreneurial competencies and imbibing the same by students

Teaching Methodology- F.Y.B.Com Semester-I, Paper-I

Topic No.	Total Lectures	Innovative Methods to be used	Film Shows and A.V. Application	Project	Expected Outcome
1	12	Case Study-Role play	Related videos and PPT	Distribute aspects of business environment in group and ask them to prepare in brief report on it- Field Assignment	Understanding of various aspects business environment useful for would be entrepreneurs
2	12	Conducting survey and collecting information about various types of pollution	Film shows with the help of environment related organizations	Undertake survey of pollution level, its ill effects and remedies	Understanding of various aspects of pollution and its ill effects
3	12	Collecting necessary information through various resources	Related videos and PPT	Compilation of facts, figures and remedies	Understanding of Problems and their causes and remedies
4	12	Case Study	Biographical CDs of successful entrepreneurs	Interview of various types of entrepreneurs e.g. First Generation entrepreneur, Women entrepreneur, Social entrepreneur and collect entrepreneurial competencies, Collection of success stories	Understanding the concept of entrepreneur, competencies of a successful entrepreneur

				of persons organisation in the area, arranging guest lecture by eminent entrepreneurs on various aspects of entrepreneur and entrepreneurship	

References

Sr. No	Title of Book	Author/s	Publication	Place
1	Business Environment	Francis Cherunilam	Himalaya Publishing House	New Delhi
3	Dynamics of Entrepreneurship Development and Management	Desai Vasant	Himalaya Publishing House	New Delhi
4	Entrepreneurial Development	Khanka S.S.	S. Chand	New Delhi
5	Entrepreneurial Development	Gupta, Shrinivasan	S. Chand	New Delhi
6	Udyog	--	Udyog Sanchalaya	Mumbai
7	Indian Economy	Ruddar Datt, K.P.M. Sundharam	S. Chand	New Delhi

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Semester – I

Foundation Course in Commerce

Course Code – 116 – F **No. of Credits :- 03**

Objectives of the course

1. To acquaint the student with knowledge of forms of business organizations and new business models.
2. To understand the latest government regulations and policies with relation to business in Indi .
3. To introduce the students to the various entrepreneurial development programmes in India .
4. To update the students with the latest developments in Service sector in India.

Depth of the program – Fundamental Knowledge

Unit No.	Unit Title	Contents	Purpose Skills to be developed
1	**Forms of Business Organization**	A. Organization – Meaning , Importance B. Sole Proprietorship , Partnership , LLP , Joint Stock Companies, Joint Ventures , Cooperative, Government form of Business Organization(Departmental, Corporation , Government company), Non Government Organizations – Meaning , Definition , Structure , Advantages and Disadvantages	▪ Conceptual Understanding on the various forms of Business Organization,
2	**Types of Business Models**	Franchise, Brick and Mortar, e- Commerce, Bricks and Clicks ,Nickel and Dime, Freemium , Subscription ,Aggregator, Online Market Place , Data Licensing/ Data Selling , Digital Advertising ,Affiliate Marketing, Drop Shipping , Agency Based, Peer to Peer Catalyst/Platform, Block Chain	1. Overview of the emerging types of business models

3	**Industrial Policies and Recent Programmes for Start ups in India**	1. Overview of recent Industrial Policies in India – New Industrial Policy 1991, EXIM Policy , India New Foreign Trade Policy 2015 – 2020 , FDI Policy 2. Overview of : a. Start up India b. Attal Innovation Mission (AIM) c. Make in India d. Digital India e. Support To Training And Employment Programme For Women (STEP) **f. Trade-Related Entrepreneurship Assistance And Development (TREAD)** **g. Pradhan Mantri Kaushal Vikas Yojana (PMKVY)**	4. Overview of the various policies supporting business in India 5. Awareness on the recent progmammes to promote and support for business
4	**Emerging Trends in Service Sector**	Overview of Recent trends – 1. Banking Sector - Internet and Mobile Banking 2. Indian Post Payments Bank 3. Insurance Sector –Malhotra Committee Report 4. Logistics 5. BPO, KPO , TPO , and LPO 6. New trends in Tourism- Religious, Rural, & Medical trourism	4. Awareness of Recent Trends in the Service Sector

Teaching Methodology

Topic No.	Total Lectures	Innovative methods to be used	Film shows and AV Applications	Project	Expected Outcome
1	12	PPT , Project Charts	Educational Videos	Individual assignment report	Developing understanding on various forms of business organizations
2	08	Guest Lectures by subject Experts / Industry Expert , Internet Assignments , Case Study Discussion on Real Life success stories	Educational Videos, Videos on Real Life success stories	Case analysis and Discussions, Business Games	Conceptual Clarity and Awareness on Latest Changes
3	14	PPT and Internet Research	https://www.india.gov.in/my-government/schemes	Report Writing , Presentation	Understanding on various Government Policies and Promotion of Entrepreneurial spirit among learners
4	14	Demonstration Method of Online Banking and Mobile Banking , Guest Lectures from experts of respective areas	Educational Videos	Field Visit Internet Research Report	Hands on Training to understand online Baking Awareness on emerging trends and knowledge enhancement

Method of Evaluation

Subject	Internal Evaluation	External Evaluation	Suggested Add on Course
Unit – I	MCQ / PPT / Written Test	As per University norms	
Unit – II	Chart Presentation / MCQ/ Written Test	As per University norms	Undertaking a small course under **Pradhan Mantri Kaushal Vikas Yojana (PMKVY)**
Unit – III	Written Test / Open Book Examination	As per University norms	Certificate Course on Soft Skills for Business
Unit – IV	PPT/ MCQ/Written Test/ Field Visit and Report	As per University norms	

References :

List of Books Recommended :-

1. Financial Management – I. M. Pandey.
2. Financial Management – Theory & practical – Prasanna Chandra
3. Financial Management – S. C. Kuchhal
4. Public Sector in India – Laxmi Nariyan
5. Indian Economy – Rudder Datt
6. Indian Economy – KPM Sundaram
7. Law & practice of banking – S. R. Davar
8. The Business Model Book – Adam J Bock , Gerard George
9. Business Model Innovation – Alexander Osterwalder , Yves Pigneur
10. https://www.india.gov.in/my-government/schemes

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SAVITRIBAI PHULE PUNE UNIVERSITY

REVISED BBA PROGRAMME STRUCTURE CBCS 2019 PATTERN

BACHELOR OF BUSINESS ADMINISTRATION (BBA)

THREE YEAR FULL TIME COURSE

BBA I YEAR CURRICULUM APPLICABLE W.E.F. AY 2019-20

BBA II YEAR CURRICULUM APPLICABLE W.E.F. AY 2020-21

BBA III YEAR CURRICULUM APPLICABLE W.E.F. AY 2021-22

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BBA PROGRAMME CONTENT

1. PREAMBLE

2. **Objectives Of The Programme**

3. **Introduction To The Programme**

4. **Eligibility**

5. **Duration Of The Programme**

6. **Highlights Of The New Curriculum**

7. **Choice Based Credit System (CBCS)**

8. Additional Credits

9. Guidelines For Successful Implementation Of CBCS

10. **Teaching Instructions**

11. **Equivalence, Transitory Provision, Transcript And Standard Of Passing**

12. **Details On Course Content**

13. List Of The Courses

14. Annexure (I) Course Content

15. Annexure(II) Contents Of Skill-Based Courses

16. Acknowledement

SAVITRIBAI PHULE PUNE UNIVERSITY

FACULTY OF COMMERCE AND MANAGEMENT

Structure for Three Years Bachelor of Business Administration- BBA Degree Programme (Choice Based Credit System - CBCS) with effect from June 2019.

1. Preamble:

The programme structure of BBA is designed to create detailed understanding and awareness of various business systems. This course will cultivate desired business acumen amongst the students. This programme is designed with specific objectives of developing various skills, aptitude and awareness amongst the students in tune with the prevailing business systems that govern different types of business organizations. The course structure is divided into three parts that are interlinked in a systematic manner. This is to maintain consistency and a continuous flow in the teaching–learning process and method of evaluation for each topic.

The present programme will enable the students to foster entrepreneurial attitude, ability to think independently and take rational decisions at various levels of management. It aims to develop a professional and managerial acumen and leadership qualities amongst the youth. Moreover, it incorporates various skills like time management skills, presentation skills, geo-political awareness and business awareness that are required for managerial effectiveness. This programme predominantly endeavours for holistic development of students by providing training in soft skills, computer skills, various Add on Courses and interdisciplinary subjects which are included under the Choice Based Credit System (CBCS).

2. Programme Objectives:

BBA is a professional programme aimed at inculcating managerial and entrepreneurial attitude and skills amongst the learners. This programme is designed to provide basic understanding about Management Education and prepare the students to avail the opportunities available in the Management Profession .It also helps them to become successful business leaders by creating self-employment opportunities. It is basically a development programme for enhancing leadership qualities and encouraging the students to build the required business acumen.

Following are the objectives:

1. To develop precise understanding about business environment and organizations.
2. To develop leadership aptitude among the students in order to work independently and in organized groups.
3. To inculcate among the students the qualities of a dynamic manager,capable of taking various decisions and communicating effectively to different groups of people.
4. To understand and gain knowledge of various financial institutions and agencies.

3. Introduction to the Programme:

The degree shall be titled as Bachelor of Business Administration (B.B.A.) under the Faculty of Commerce and Management. The implementation of Choice Based Credit System for First Year B.B.A.is w.e.f. the academic year 2019-2020, Second Year B.B.A.w.e.f.2020-2021 and Third Year B.B.A w.e.f. 2021-2022.

4. Eligibility:

- A candidate from any stream, should have passed 12th Std. Examination (H.S.C.10+2) with minimum 40% of marks and English as a passing subject.

OR

- Three Years Diploma Course from Board of Technical Education, conducted by Government of Maharashtra or its equivalent, after S.S.C. i.e. 10thStandard.

OR

- Two Years Diploma Course in Pharmacy from Board of Technical Education, conducted by Government of Maharashtra or its equivalent, after H.S.C. i.e. 12th Standard.

OR

- Completed MCVC program

5. Duration of the Programme:

The Bachelor of Business Administration (BBA) is a full time three (3) years programme and it is divided in six (6) Semesters.

6. Highlights of the New Curriculum:

The New Curriculum intends to add immense value to all stakeholders.These requirements will be addressed effectively in numerous ways by:

- Enhancing the brand value of the Commerce and Management Programme of Savitribai Phule Pune University.
- Providing much needed flexibility to individual Institutes to carve a niche for themselves. A thorough revamp of course through essential computer skills which are necessary for developing proficiency in the selected special subject.
- Emphasizing student-centric teaching and learning process.
- Focusing on 'Concurrent Evaluation' i.e. continuous evaluation throughout the programme.

- Stressing on 'Experiential Learning' aspect through Concurrent Evaluation pattern with focus on group activity, field work, self-study, projects, Industry Exposure Programmes, etc.
- Incorporating specializations in the syllabus from Second Year in order to provide in-depth knowledge of the electives chosen by the students.
- Providing opportunity to students to choose courses from other electives to explore cross functionality.
- Emphasizing on Research, Inter-personal skills, Analytical skills, Entrepreneurial skills, and Global aspects of Managerial careers throughout the curriculum.

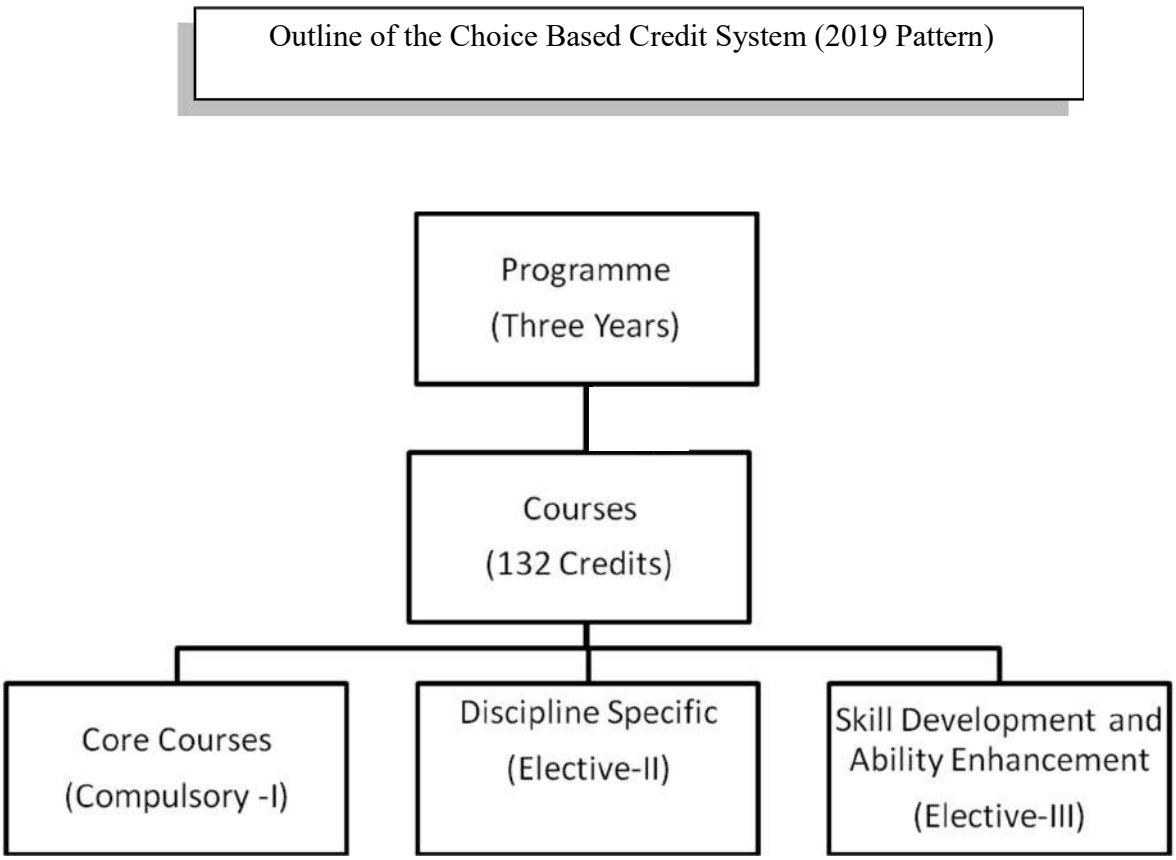
7. Choice Based Credit System (CBCS):

The CBCS provides an opportunity for the students to choose courses from prescribed curriculum comprising of core, elective/minor or skill based courses. The courses can be evaluated by a Grading System, which is considered to be better than the conventional marking system. Thus a uniform Grading System has become a necessity in the entire Higher Education field in India. This will benefit the students to move across institutions within India and across countries. This uniform grading system will also enable the potential employers to assess the performance of the candidates. The UGC has formulated some guidelines in order to bring uniformity in the evaluation system and computation of the Cumulative Grade Point Average (CGPA) based on students performance in examinations which are mentioned below:

7.1Course: A "Course" is a component of programme, i.e. in the new system, papers will be referred to as courses. Each course is identified by a unique course code. While designing curriculum, courses can have defined weightages. These weightages are called as credits. Each course, in addition to having a syllabus, has learning objectives and outcomes. A course may be designed to comprise lectures/ tutorials/ laboratory work/ field work/ project work/vocational training /viva-voce etc. or a combination of some /any of these.

7.2 Credit: The definition of "Credits" can be based on various parameters.These may be the learning hours put in, learning outcomes and contact hours, the quantum of content/syllabus prescribed for the course. The credit system requires that a student progresses in the academic programmes not in terms of time (years or semesters), but in terms of courses.

7.3 Outline of the CBCS: Bachelor of Business Administration- BBA Degree Programme 2019 pattern.



7.3 I. Core Course: Core courses are the foundation courses of management education. They are compulsory for all the students. Core courses are of two types: Generic Core and Subject Core.

1. Generic Core (GC): This is the course which is mandatory and has to be studied by the student as a core part to fullfill the requirements of a degree in the said discipline of study. Therefore, Generic Core courses are mandatory and fundamental in nature. These courses cannot be substituted by any other courses. Such courses are also known as Hard Core Courses. Generic Core courses in Semester I and II provide foundations of Management and Admistration. Generic Core courses in Semester III and IV focus on Functional Areas whereas, Generic Core courses in the Semester V and VI are integrative and provide insights about different fields of business.

2. Subject Core (SC): These are also known as Soft Core Courses. These may be subject-specific/specialized/advanced/supportive to the discipline subject of study, which provides an extended scope and enable exposure to some other disciplines that help in nurturing the candidate's proficiency, domain knowledge, skills, etc. Practical /Tutorial work is considered as a special course involving application of knowledge in solving / analyzing /exploring a real life situation,which will help the students to understand core subject in better manner.

7.4 II. Elective Courses :

1. Discipline Specific Elective (DSE) Course: Elective course is a course which can be chosen from a pool of courses. Elective Courses which may be offered by the main discipline/subject of study is referred as **Discipline Specific Elective.** DSE Courses develop generic proficiencies amongst the students.

The Institute has the flexibility to offer courses based on Targeted Industry Linkages – sectoral requirements and networking at the college level. A student can select any one specialization from the five areas which are mentioned below.The student will study eight (8) courses in second and third year. DSE courses helps to develop discipline/domain knowledge and nurture candidate's proficiency/skill.

Bachelor of Business Administration Degree offers the following Electives :

A) Marketing Management (MM)

B) Financial Management (FM)

C) Human Resources Management (HRM)

D) Services Management (SM)

E) Agri Business Management (ABM)

Dissertation/Project for DSE courses: An elective course designed to acquire special/advanced knowledge, as a supplement study/support study to a project work, with an advisory support of a teacher/faculty member is called dissertation/project.

7.5 III.A. Skill Enhancement Courses (SEC): These courses may be chosen from a pool of courses designed to provide value-based and/or skill-based instructions. Open Course contents are mentioned in Annexure II.

Duration of each course will be of 30 hours for 2Credits. Institutes can select various courses as per the interest of their students and the availability of various facilities.

A. List of Skill Enhancement Courses:

A] Basic Managerial Skills

B] Communication Skills for Managers

C] Tally and Computer Based Accounting

D] Certificate Course in Analysis and Presentation of Data

E] Introductory Course in Disaster Management

F] Personality and Soft Skills Development

G] International Etiquettes and Mannerism

H] Foreign Language

H1] Advance Foreign Language

I] Yoga and Meditation

J] Ground and Sports Management

K] Value Education and Gender Equality

L] UGC / SPPU Approved online courses

O] College Course Under Specific Scheme

III.B. Ability Enhancement Compulsory Courses (AECC) i.e. Environmental Science.

Duration: 30 hours and Credits: 2

Types of courses :

M. Basic Course in Environmental Awareness OR N. Advanced Course in Environmental Awareness

8. Note: Additional Credits.

The students are also eligible to earn additional Credits for NCC, NSS,Sports,P.T etc. apart from the Courses mentioned in the programme which will be considered separately as per the guidelines and notifications displayed by the respective authorities of the SPPU. The credits will be offered to the students as per Credit calculations of the respective units.

9. Guidelines for successful implementation of CBCS:

9.1. Credit Point may be considered under two parts –

a)One part consisting of the hours actually spent in theclass room / practical / field work instructions andthe other part consisting of notionalhours spent by the Learner for self-study in the library, peer interactions, case study, writing of journals and assignments, projects etc. for the completion of that course.

Every course offered shall have three components associated with the teaching-learning process viz.

a) Lecture –L : Classroom sessions delivered by faculty in an interactive mode.

b) Tutorial and Practical (T &P)- : Sessions consisting of participatory discussions/ self-study/ desk work/ brief seminar-presentations by students and such other novel methods that help the students absorb and assimilate the contents delivered in the Lecture sessions in an effective manner.

c) Practical sessions /Project Work consisting of Hands-on experience / Field Studies / Case-studies that equip students to acquire the much required skill component.

9.2. The success of the CBCS requires certain commitments from both; the students and the teachers.

9.2.1. The student should be regular and punctual to his/her classes, sincere in carrying out the assignments/classroom activities etc.and should maintain consistency in his/her tempo of learning. He/She should make maximum use of the library, internet and other available facilities.

9.2.2. The teachers are expected to be alert and punctual. They should strictly adhere to the schedules of teaching, conducting tests, seminars, evaluation and notification of results. All teachers should notify the tentative schedule of teaching and tests of the entire semester, including the dates of tests, dates of score notification and all other schedules, which can be planned in advance.

9.2.3. The teachers are expected to adhere to an unbiased and objective evaluation and marking of concurrent evaluation scores (internal examinations).This practice will not only boost the confidence of the students,but it will also ensure that merit is given due credit. Transparency, objectivity and quality are the key factors required for a good CBCS to sustain.

The course content is to be looked upon as the bare minimum requirement to be fulfilled.Emphasis shall be laid on the contemporary aspects and going beyond the content. The teaching / learning as well as evaluation are to be interpreted in a broader perspective.

10. Teaching instructions:

10.1 Medium of instructions - Medium of instruction shall be English only.

10.2 Teaching Workload:As per prescribed guidelines under the Commerce and Management faculty.

10.3 Method of Evaluation:

1) Internal Assessment (2) Projects Examination (3)UniversityExamination (SPPU)

10.3.1. Instructions for teachers for Internal Assessment:

The purpose of internal evaluation is to assess the depth of knowledge, understanding and awareness about a particular subject.In order to have a rational and objective assessment of the learners,a teacher is expected to use different evaluation methods.

Continuous Assessment (CA): The concerned subject teacher is responsible for conduction and evaluation aspects with respect to Continuous Assessment. As soon as the course begins,the course teacher is expected to announce the mechanisms under which CA would take place. Journals/Lectures/Library-notes/Seminar-presentations/Assignments/Extension Work/An Open-Book Test (book to be decided by the concerned teacher)/Internal examinations/Classroom instructions through audio visual aids/Case-studies/Role-plays/Industrial Visits/Seminars/Presentations/Guest Lectures/Shared teaching/Flip classes/Simulation/Experiential Learning/Social Outreach/Internships/Certificate Courses /Online Certifications/Group Discussion/Business Fest/Webinars etc. may be used as the tools/mechanism for CA.

A subject teacher has the autonomy to devise a mechanism for evaluating the students as per the guidelines.

The class work will carry 30 marks in each course. Internal Evaluation includes continuous evaluation of a student by adopting variety of techniques.

Tutorials / Practicals for Core Credit : Tutorials Courses will carry 20 marks as a part of evaluation in addition to the Internal Assessment. A small project work consisting of Hands-on

experience / Field Studies / Mini-Research Project (by an individual student or a group of students)/ Assignments/Case-studies etc. that equip the students to acquire the much required skills can be assigned.

It is obligatory for a teacher to announce the performance of the students. It is also mandatory to declare the CA score gained by all the students on the noticeboard duly signed by the concerned teacher of the course and the HOD/Principal/Director well before the commencement of the SPPU examination.

10.3.2 Business Exposure and Project (Semester III&IV)- There will be viva voce examination of 50 marks and a written Examination carrying 50 marks for the students.The students are expected to visit the industry and collect the relevant and required data pertraining to the subject and prepare a report likewise.These Industry Visits and interviews shall be arranged under the supervision of the subject teacher.

A student shall complete a computer course relevant to specialization subject,the fees / Expenses towards computer course will be borne by the students. **The evaluation will be conducted at SPPU level through Viva Voce.**

Projects: For course on Project work in Semester **V & VI,** there will be Written Report of 50 marks.Appropriate allocation of project work (Internship / Hands on experience) should be arranged by the students under the guidance of the teacher and all the expenses will be borne by the students. Course wise guidelines are mentioned in the course content.**The evaluation will be conducted at SPPU level through Viva Voce.**

Online Course Credit- If a student completes relevant online course approved by SPPU /UGC or other competant authority, within the particular academic period, then he/she is entitled to earn 2 Credits for the same,provided the duration of the course should be more than 4 weeks or it should be of 30 hours.These 2 (two) Credits can be given only after he/she submits the Passing Certificate of the said course undertaken.

10.3.3 External Examination: - SPPU will schedule the written Examination for the course at the end of each Semester.

Guidelines for Setting External Examination Question Papers:

1) English will be the only Medium of Answer for students to appear the examinations of SPPU.
2) The question papers shall be set by the respective members of the Paper-Setting Committee duly appointed by the University in a manner where due weightage is given to the course syllabus-wise.
3) The question paper shall be balanced in respect of various topics outlined in the syllabus.
4) The question papers shall have a combination of long, short answers and MCQ type questions.
5) The University papers will mostly be divided in three parts. 25% weightage will be given to Objective type questions, 30% weightage will be given to short answers and remaining 45% weightage will be given to long answers type questions. For better understanding of the Course-wise Paper Pattern please refer to the Annexure-II.

11. Equivalence,Transitory Provision, Transcript and Standard of Passing:

The University will conduct examinations for the students of the old course for next three academic years from the date of implementation of the new course.The candidates of old course will be given three chances to clear their subjects as per the old course pattern, and there-after they will have to appear for the subjects under new course pattern as per the equivalence given to the old course.

(For Details Refer: Separate notifications issued by the Board of Examinations.)

Standard of Passing – The programme will be a full-time course and the duration of the programme will be of three years divided into six semesters. A candidate is required to obtain 40% marks in Internal Assessment, Projects and semester-end SPPU examination. There will be separate passing for evaluation of Internal, practical, projects and external SPPU examination.

(University terms (Backlog) and Standard of Passing- For details Refer, Separate notifications issued by the Board of Examinations).

12. Details on Course structure –The courses are divided in three parts:

1. List of Core Courses 2. List of Specialization Courses 3. List of Skill Courses.

1. Core Courses – It is mandatory for the students to complete the courses mentioned in the list.

2. Specialisation Courses – Five electives / options are offered to the students. They will have to select any one course in Semester III as an Elective Subject. The chosen elective will be continued till the end of the course. In all, 8 courses/subjects will be studied by the student by the end of his/her BBA programme. The list of Specialisation courses is separately mentioned.

3. Skill Courses –The list of 16 Skill Enhancement Courses is provided. The college can select courses as mentioned in the structure to suit the requirements of the students. Each course will carry 2 credits having duration of 30 hours. The courses mentioned in the list will be updated as per the requirements of the business environment. The Board Of Studies will make the necessary changes in the list. These courses can also be replaced by approved online courses.It is mandatory for every Institute to conduct the Compulsory Ability Enhancement Course in Semester III. The Institute can select basic or advanced courses.

12.List of Courses offered

BBA -Bachelor of Business Administration
Updated Programme Structure CBCS - Pattern 2019

FYBBA Semester I

Group I	**Course Details Generic Core (GC) and Subject Core (SC) (Compulsory)**			**Internal Evaluation**		**External Evaluation**
Course Code	**Course Title**	**Credits**	**Core Course**	**Concurrent Evaluation**	**Tutorial /Practical**	**SPPU Evaluation**
	First Year Semester I					
101	Principles of Management	3	GC	30	-	70
102	Business Communication Skills	4	SC	30	20	50
103	Business Accounting	3	GC	30	-	70

104	Business Economics – Micro	3	GC	30	-	70
105	Business Mathematics	3	GC	30	-	70
106	Business Demography	4	SC	30	20	50
	Total Credits for the Semester I	20				
	GC (12)+SC(8)=20					
	First Year Semester II					
201	Business Organization and System	4	SC	30	20	50
202	Principles of Marketing	3	GC	30	-	70
203	Principles of Finance	3	GC	30	-	70
204	Basics of Cost Accounting	3	GC	30	-	70
205	Business Statistics	3	GC	30	-	70
206	Fundamentals of Computers	4	SC	30	20	50
	Credits for the semester II	20				
	GC (12)+SC(8) =20					
	Second Year Semester III					
301	Principles of Human Resource Management	3	GC	30	-	70
302	Supply Chain Management	3	GC	30	-	70
303	Global Competencies & Personality Development	3	GC	30	-	70
304	Fundamentals of Rural Development	3	GC	30	-	70
	Credits For Semester III- CC 12	12				

	Second Year Semester IV					
401	Entrepreneurship and Small Business Management	3	GC	30	-	70
402	Productions and Operations Management	3	GC	30	-	70
403	Decision Making and Risk Management	3	GC	30	-	70
404	International Business Management	3	GC	30	-	70
	Total credits CC12	12				
	Third Year Semester V					
501	Research Methodology	3	GC	30	-	70
502	Database Administration and Data Mining	3	GC	30	-	70
503	Business Ethics	3	GC	30	-	70
504	Management of Corporate Social Responsibility	3	GC	30	-	70
	Total credits CC – 12	12				
	Third Year Semester VI					
601	Essentials of E - Commerce	3	GC	30	-	70
602	Management Information System	3	GC	30	-	70
603	Business Project Management	3	GC	30	-	70
604	Management Of Innovations & Sustainability	3	GC	30	-	70
	Total credits CC – 12					
	Total Credits From GC and SC					

	(Sem) I 20 + (Sem) II 20 (Sem) III12 +(Sem) IV12 (Sem) V12 and (Sem) IV12 =88					
Group II	**List of Discipline Specific Elective (DSE)Courses** **(Select any One group of Electives from the Five)**					
(A) OR	**Marketing Management (MM)**					
	Course Titles	Credits	Semester	Concurrent Evaluation	Tutorial /Practical	SPPU Evaluation
A305	Consumer Behaviour & Sales Management	4	III	30	20	50
A306	Retail Management + Business Exposure	4	III		50	50
A405	Advertising & Promotion Management	4	IV	30	20	50
A406	Digital Marketing + (prescribed computer course or online course)	4	IV		50	50
A505	Marketing Environment Analysis and Strategies	4	V	30	20	50
A506	Legal Aspects in Marketing Management + Project & Viva (50 marks)	6	V		50	50
A605	International Brand Management	4	VI	30	20	50
A606	Cases in Marketing + Project 50 marks theory + Project& Viva 50 marks (Internship)	6	VI		50	50
	Total Credits	36				

(B) OR	**(B) Financial Management (FM)**					
	Course Titles	Credits	Semester	Concurrent Evaluation	Tutorial /Practical	SPPU Evaluation
B305	Management Accounting	4	III	30	20	50
B306	Banking & Finance +Business Exposure	4	III		50	50
B405	Business Taxation	4	IV	30	20	50
B406	Financial Services +Computer course (prescribed course or online course)	4	IV		50	50
B505	Analysis of Financial Statements	4	V	30	20	50
B506	Legal Aspects of Finance & Security Laws + Project & Viva (50 marks)	6	V		50	50
B605	Financial Management	4	VI	30	20	50
B606	Cases in Finance + Project 50 marks theory + Project& Viva 50 marks (Internship)	6	VI		50	50
	Total Credits	36				
(C) OR	**(C) Human Resources Management (HRM)**					
	Course Titles	Credits	Semester	Concurrent Evaluation	Tutorial /Practical	SPPU Evaluation
C305	Organisational Behaviour	4	III	30	20	50

C306	Legal Aspects in Human Resource +Business Exposure	4	III		50	50
C405	Human Resource Management Functions & Practices	4	IV	30	20	50
C406	Employee Recruitment & Record Management + Computer course (prescribed course or Online course)	4	IV		50	50
C505	Cross Cultural HR & Industrial Relations	4	V	30	20	50
C506	Cases in Human Resource Management +Project & Viva (50 marks)	6	V		50	50
C605	Global Human Resource Management	4	VI	30	20	50
C606	Recent Trends & HR Accounting + Project 50 marks theory + Project& Viva 50 marks (Internship)	6	VI		50	50
	Total Credits	36				
(D) OR	**(D)Services Management (SM)**					
	Course Titles	Credits	Semester	Concurrent Evaluation	Tutorial /Practical	SPPU Evaluation
D305	Fundamentals of Services Management.	4	III	30	20	50

D306	Principles & Functions of Services Management+Business Exposure Project	4	III		50	50
D405	Banking & Insurance Management	4	IV	30	20	50
D406	Social Services and NGO Management + Computer Course (prescribed course or Online course)	4	IV		50	50
D505	Health Care Management	5	V	30	20	50
D506	Permissions & Legal Aspects In Services + Project & Viva (50 marks)	5	V		50	50
D605	Global Tourism & Hospitality Management	5	VI	30	20	50
D606	Recent Trends in Services and Project 50 marks theory + Project& Viva 50 marks (Internship)	5	VI		50	50
	Total Credits	36				
(E)	**(E)Agri Business Management (ABM)**					
	Course Titles	Credits	Semester	Concurrent Evaluation	Tutorial /Practical	SPPU Evaluation
E305	Agriculture and Indian Economy	4	III	30	20	50

E306	Rural Development - Principles and Practice +Business Exposure	4	III	-	50	50
E405	Rural Marketing	4	IV	30	20	50
E406	Banking Operations and Finance + Computer Course (prescribed course or Online Course)	4	IV	-	50	50
E505	Warehouse Management	5	V	30	20	50
E506	Permissions & Legal Aspects In Agriculture + Project & Viva (50 marks)	5	V	-	50	50
E605	Agricultural Exports	5	VI	30	20	50
E606	Tourism Development in Rural India + project 50 marks theory + Project& Viva 50 marks (Internship)	5	VI	-	50	50
	Total Credits	36				
Group III	**Skill Enhancement Course (30 hours)- and for 2 credits** **Ability Enhancement Compulsory Courses (AECC)**					
	Courses	Credits	Semester	Concurrent Evaluation + Tutorial /Practical		SPPU Evaluation
107	Skill Enhancement Course	2	I	50		Grade
207	Skill Enhancement Course	2	II	50		Grade
307	Compulsory Course in Environment (AECC),	2	III	50		Grade

	(Select any one course from the List)				
407	Skill Enhancement Course	2	IV	50	Grade
	Total Credits	8			
(III)	**List of Skill Enhancement Course (30 hours)- for 2 credits** **&** **Ability Enhancement Compulsory Courses (AECC),**				
Course Code	Course Title	Credits	Core Course	Internal Evaluation	SPPU
A	Basic Managerial Skills	2	SEC	50	Grade
B	Communication Skills for Managers	2	SEC	50	Grade
C	Tally and Computer Based Accounting	2	SEC	50	Grade
D	Certificate Course in Analysis and Presentation of Data	2	SEC	50	Grade
E	Introductory Course in Disaster Management	2	SEC	50	Grade
F	Personality and Soft Skills Development	2	SEC	50	Grade
G	International Etiquette and Mannerisms	2	SEC	50	Grade
H	Foreign Language	2	SEC	50	Grade
H1	Foreign Language (Advanced)	2	SEC	50	Grade
I	Yoga and Meditation	2	SEC	50	Grade
J	Ground and Sports Management	2	SEC	50	Grade

K	Value Education and Gender Equality	2	SEC	50	Grade
L	UGC / SPPU Approved online courses (Minimum 4 weeks or 30 Hours)	2	SEC	Online Examination and Certification	-
O	College Course Under Specific Scheme.	2	SEC	50	Grade
AECC	**Ability Enhancement Compulsory Courses (AECC), i.e., Environmental Science. Duration: 30 hours and Credits: 2 (Select Any One Course)**				
Course Code	**Course Title**	**Credits**	**Semester**	**Internal Evaluation**	**SPPU**
1M	Basic Course in Environmental Awareness	2	III	50	Grade
2N	Advanced Course in Environmental Awareness	2	III	50	Grade

Note : All the stakeholders are requested to refer to the updated course content.

Course Content **Annextures are attched seperately – Faculty members and students should refer to the semester-wise updated course content.**

14. Annexure (I) Course Content

15. Annexure(II) Contents of Skill-Based Courses

16. Acknowledement: The course focus of BBA Programme (CBCS-2019 Pattern) has always been raising the academic standards, excellence and holistic development of students. Hon. Prof. Dr. Nitin Karmalkar, Vice Chancellor, Hon. Dr. N. S. Umarani, Pro-Vice Chancellor, Hon. Dr. Parag Kalkar, Dean, and Associate Dean Dr. Yashodhan Mithare, Faculty of Commerce and Management have given insights in designing the BBA Programme.

Dr. Sanjay Kaptan ,Head ,Savkar Chair has shared his immense knowledge and expertise for designing the structure. Also, the Industry expert panel has added insights in course titles of the BBA Programme. Dr. Tanuja Devi co-ordinated the BBA Restructuring Committee. This synergy of contributors is very crucial in fine tuning of the BBA Programme in its present form.

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Savitribai Phule Pune University
FY BBA Semester I (CBCS) Pattern 2019

The subject wise Revised Syllabus for F.Y. BBA Program

Principles of Management
Course Code 101 - GC
Credit -3

Depth of the course- Reasonable working knowledge

Program Objectives

- To understand basic concept regarding org. Business Administration
- To examining how various management principles
- To develop managerial skills among the students
-

Unit No.	Unit Title	Contents	Purpose & Skills to be develop
1	Nature of management	**1.1**Meaning & Importance ,Functions**1.2** Role of Managers**1.3** Management as an Art, Science, Profession and a Social System **1.4** Concept of Management, Administration, Organization &Universality of Management	**Basic aspects of management thinking** & Develop ability of managerial thinking and cultivate business acumen
2	Evolution of management thoughts	**2.1** Concept of Managerial Thoughts **2.2** Contribution of Frederick Taylor, Elton Mayo, Henry Fayol and Peter Drucker **2.3** Indian Management ethos (Indian)anddifferent Styles for example (J.R.D Tata, DhirubhaiAmbani, N. R. Narayana Murthy, VergheseKurien)…	**To understand different approaches to management thoughts and philosophy** & Ability to understand approaches to philosophy of management thinking

3.	Major managerial Functions	**3.1 Forecasting:** Meaning, Need Types, Methods, Advantages, merits ,Disadvantages **3.2 Planning:** Meaning, Need Types ,methods, Advantages, merits, Disadvantages **3.3 Organizing:** Meaning, Concept, **Delegation of Authority:** Meaning, Importance **Decentralization:** Concepts, Meaning And, Importance **3.4 Decision Making:** Types, Process, and Techniques Directions nature and principles and **3.5 Motivation:** Meaning, Importance, Nature, Principles, and Theories**3.6 Controlling :**Meaning, Needs, Process, Techniques	**To understand the importance of functions of management and their roles** & Ability to organize various programmes and events
4.	Recent trends in Management	4.1 Management of change , management of crises, **Total Quality Management (TQM):** Meaning, Merits, Demerits ,stress management .(Principles ,concepts merits) **4.2Knowledge Management:** Meaning, Merits, Demerits**4.3 Outsourcing:** Meaning, Merits, Demerits	**To know what are the themes in modern management and changes in the business** & To learn about new systems and trends in modern management

Teaching Methodology

Teaching Hours	Innovative methods to be used	Project	Expected Outcome
13	Study the role and functions of different mangers	How an organizations manages its activities and functions	To develop managerial effectiveness through managerial thinking Knowledge of effective

13	Empirical management thoughts	Preparing charts of management thinkers and profile presentations on major management thinkers	Learning about the management philosophy over the period od time
12	Situation analysis , Business games Case study	Implementing planning process in an org ,analysis of different decision and failure of different org and decision	How to plan and organize an activity and motivate the group
12	Developing applications of management of change and crises Installing quality management system for a group Case study on majors to reduce stress	Develop a program for management of change and case study on resistance to change and preparing the checklist Developing quality manual Project on stress reduction methods	To Develop understanding regarding new systems of management

Evaluation

Subject	**Internal Evaluation**	**External Evaluation**	**Suggested Add on Course**
Unit – I	I Quiz on concept importance of mgt II Presentation on role of management in society and organization III GD on importance of management as profession	**25% MCQ** **Short notes 35%** **Long answers 40%**	**Decision making and leadership skills**
Unit – II	I Presentation on contribution of management thinkers II case study on different approaches to mgt III posters on contributions of Indian management thinkers to management discipline		
Unit – III	MCQ on managerial functions II situation analysis how management fails or succeed III presentations on different types of decisions and case study on factors affecting decision making		

Unit – IV	MCQ on various new trends in management II case study on application of total quality management in an organization and compare two different intuitions. III Case study on management of change and crises IV situation analysis of determinants of stress		
Total –	**30**	**70**	

Suggested references

Sr. No.	**Title of the Book**	**Author/s**	**Publication**	**Place**
1	Management Concepts and Strategies	J.S. Chandan	Vikas Publishing House Pvt. Ltd.	New Delhi
2	Principles of Management	Harold Koontz , Heinz Weihrich , A. RamachandraArysri	McGraw hill companies	New Delhi
3	Management A Global and Entrepreneurial Perspective	Heinz Weihrich , Mark V. Cannice , Harold Koontz	McGraw hill companies	McGraw hill companies
4	Management – 2008 Edition	Robert Kreitner , MamataMohapatra	Biztantra – Management For Flat World	New Delhi
5	Introduction to Management	John R. Schermerhorn	Wiley India Pvt. Ltd.	New Delhi
6	Principles of Management	P.C. Tripathi , P.N. reddy	McGraw hill companies	New Delhi
7	Management Text and Cases	R. SatyaRaju , A. Parthasarthy	PHI learning Pvt. Ltd	New Delhi
8	Management (Multi-Dimensional Approach)	H. R. Appannaiah , G. Dinakar , H.A. Bhaskara	Himalaya Publishing House	Mumbai

Savitribai Phule Pune University

FY BBA Semester I (CBCS) Pattern 2019

Business Communication Skills

Course Code: 102 SC

Credit 4

Depth of the syllabus - Reasonable knowledge of the communication

Program objectives

1 To understand what is the role of communication in personal and business world

2. To understand system and communication and their utility

3. To develop proficiency in how to write business letters and other communications required in business

Unit No.	Unit Title	Contents	**Purpose**& Skills to be develop
1	Concept of Communication and Introduction to Communication	Role of Communication in social and economic system Need for effective communication, meaning and definition, Principles of effective communication, Barriers to communication and over comings	**To understand the basic purpose of communication.** **&** Ability to understand and comprehend the meaning of different forms of communication
2	Methods and types of Communication	**Methods of Communications]:** Linguistics, Non- Linguistics and Para- Linguistics, Art of Listening Written communication, Forms of written communication. Qualities, difficulties in written communication, Constraints in developing effective written communication **Types or Channels of Communication:** **Internal-** Vertical, Horizontal, Consensus, Grapevine **External-** Inward, Outward ,Merits and Limitations of methods & types of communication	**To understand how to write effective messages and different types of communication**, & Ability to write meaningful and concise and effective messages
3.	Business Correspondence	Concept ,need and functions of Business .Correspondence , Types of Business letters ,Layout Drafting of business ,	**To understand how to make effective Business Correspondence** &

		Business Correspondence : Sales , Orders sales circulars and business promotion and resignation letter , leave , application letters ,Complaint , Credit verification, Correspondence with bank, Job application , and Reference check	Ability to write precise business letters and understanding about business correspondence
4.	Analysis of different Media of Communication	Fax communication ,voice mail ,emails ,tele conferencing , communication through social media	**1.To understand how modern technology effects businesses and media based communication is working in present context.** **2. Effects of new media on business is affecting on interpersonal relations and groups** **&** Ability to use different formats of social communication and technology based communication effectively

Teaching Methods

Teaching Hours	Innovative methods to be used	AV Applications	Project	Expected Outcome
Unit I - 11	Role Play	Films on communication	Life without communication	Ability to understand implication of effective communication

Unit II - 13	Paraphrasing \,praise writing complete the sentence and interpretation of given sentences	Films on understanding written communication	How to write effective message , Story writing	To develop an appropriate understanding role and utility of written communication in life
Unit III- 13	Demonstrations of layout of good business letters analysis of good business letters of different forms Drafting of good business letters	Analysis of real life business situations	Writing letters for different situations Case study of Analysis different correspondence	To develop proficiency for different purposes for different organizations
Unit IV - 11	Demonstrations hands on experience	Analysis of implications and utility of different forms of social media , case study	Projects	To develop proficiency in effectives uses of various media of communication To communicate interact effectively by using different forms of social media
Total 48				

Evaluation methods

Internal Evaluation	External Evaluation	Tutorial /Project - Internal
Method of evaluation I MCQ on concept factures and definition	**25%MCQ** **Short notes 35%** **Long answers 40%**	**Business communication skills (102) - Credit 1 - Marks 20**

<table>
<tr><td>Presentation \- on application of communication in day to day business</td><td></td><td rowspan="5">Tentative areas for tutorials – (Select any 2 topics)
1. Collections of various formal letters and its critical study
2. Assignment on précis writing
3. Presentation on oral communication skills
4. Public speaking
5. Common mistakes in business communication</td></tr>
<tr><td>I Group Discussions on appropriate methods of communication at different situations
II – Case study on written communication-
Errors in message building and interpretation of message</td><td rowspan="4"></td></tr>
<tr><td>I Developing appropriate formats
Drafting of appropriate Business letters
II- cautions in uses of metaphors and idioms and phrases</td></tr>
<tr><td>I GD on selecting right media
II preparation of charts on different media of communication
III – case study on usages of social media
Communication etiquettes’</td></tr>
<tr><td></td></tr>
<tr><td>Marks 30</td><td>Marks-50</td><td>20 marks (Internal) Guidelines for Tutorials
The faculty must design the tutorials in tune with theory subject and shall conduct presentation in the class on the given topics.

The evaluation of students must be on the following grounds. (20 marks)
1. Understanding of the subject
2. Content
3. Selections of the topic and application of the theory
4. Overall confidence & Presentation skills</td></tr>
</table>

Note: Students should be well informed about the tutorials and sufficient time must be given to the students to fulfil the requirements of the tutorials.

References

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Business Communication	Meenakshi Raman , Prakash Singh	Oxford	New Delhi
2	Business Communication	HomaiPradhan , N.S. Pradhan	Himalaya Publishing House	Mumbai
3	Business Communication	R.K. Madhukar	Vikas Publishing House	New Delhi
4	Business Communication and personality Development	BiswajitDas .ipswwtaSatpathy	Excel Books	New Delhi
5	Business Communication – Concepts , Cases and applications	P.D Chaturvedi , MukeshChaturvedi	Dorling Kindersley	New Delhi
6	Business Communication – Connecting at work	HorySankarMukerjee	Oxford	New Delhi
7	Business Communication Today	Courtland L. Bovee , John V. Thill , AbhaChatterjee	Pearson	New Delhi
8	Hand Book of internal Communication	Eileen Scholes	Infinity Books	New Delhi

Web reference

Sr. no	Lectures	Films	Animation	PPTs	Articles	Sources
	By R. Chandran IIT Kanpur	Film byJ. Balkru	A film on communication barrier	By Matt Setter	1. Importance of communication skills essay 2Importance of communication and effective communication	1. UK Essay 2. Zen growth

Savitribai Phule Pune University
FY BBA Semester I (CBCS) Pattern 2019
Business Accounting
Code No. 103 GC
Credit – 3

Depth of the syllabus - Reasonable working knowledge

Program objectives

To develop right understanding regarding role and importance of monetary and financial transactions in business
To cultivate right approach towards classifications of different transactions and their implications
TO develop proficiency preparation of basic financial as to how to write basis accounting statement - Trading and P&L

Unit No.	Unit Title	Contents	**Purpose**& Skills to be develop
1	Financial Accounting-	Definition and Scope, objectives, Accounting concepts, principles and conventions. Classification of accounts	**To understand role and importance of accounting in Business and how accountingconcept can be implemented in business** & Computation ability in business ability to distinguished between various accounting concepts and practices
2	**Accounting Transactions and Final Accounts**	Problems on Voucher system; Accounting Process, Journals, Ledger, Cash Book , subsidiary books ,Trial Balance preparation of Final Accounts of Sole Proprietorship(Trading and Profit & Loss Account and Balance Sheet)	**To understand how to record different financial transactions and their financial implications** **&** Ability to write different accounting tractions and prepare basic financial tractions
3.	**.Bank Reconciliation Statements**	Meaning, importance and preparation of Bank Reconciliation Statement	**To understand the kind of accounting relationship between customer and bank** **&** Ability to write necessary set of entries in books of accounts and in cash book and compare them with bank statement to understand their implications and effect

4	**Computerized Accounting**	Role of computers and Financial application, Accounting Software packages	**Ability to understand growing importance of software and to know how to use software and to write books of accounts &** Ability to use software like tally for writing of accounts

Teaching Methodology

Teaching Hours	Innovative methods to be used	AV Applications	Project	Expected Outcome
11	Appling accounting concepts in real life business Ability to distinguish between accounting tractions and real life business	Role of accounting in business	Importance of accounting of business and nonprofit organizations	To learn about importance of acc. In business
15	Using practical situations for writing Transactions And applying accounting concepts different situations	Writing ledger and cash book	Developing model of Journals and model books of accounts Preparing flow chart of accordance of different tractions	Ability to distinguish between different tractions and its nature
12	Interpretation of bank passbook and its statement Comparative analysis of bank pass book and statement and their interpretation	Lesson on How to write bank reconciliations. Statement from YouTube	Preparing BR. With imaginary data	Ability to prepare and interpret bank reconciliation statement

10	NIL	To Understand how various tractions are recorded while using software and what cautions are need to be taken while recording transactions.	Film on silent features of tally accounting As business software	Appling software basic financial statement and converting row financial data into well written financial data

Evaluation Method

Unit No	Internal Evaluation	External Evaluation	Suggested Add on Course
I	MCQ on various aspects of accounting Presentations on accounting and its importance in business	**25%MCQ Short notes 35% Long answers 40%**	**Tally and computer based accounting**
II	Practical problems on how to write different accounting tractions and maintaining books of accounts		
III	Practical problems on Bank Reconciliation		
IV	Demonstrations and hands on of experience regarding application of Tally and other accounting software .		
	30	**70**	

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Advance Accounting Vou- I	S.N. Maheshwari& S.K. Maheshwari	Vikas Publication	New Delhi
2	Advance Accounting Vou- I	M.C. Shukla , T.C. Grewal , S.C Gupta	S. Chand	New Delhi
3	Accountancy (Vol- I)	S. Kr. Paul	Central Educational Enterprises (P). Ltd.	Kolkata
4	Accounting (text and Cases)	Robert N. Anthony , David F. Hawkins , Kenneth A. Merchant	McGraw Hill Companies	New Delhi
5	Advanced Accountancy(Volume – I)	R.L. Gupta , M. Radhaswamy	Sultan Chand & Sons	New Delhi

Savitribai Phule Pune University
FY BBA Semester I (CBCS) Pattern 2019
Business Economics – Micro
Course Code: 104 GC
Credit - 3

Depth of the syllabus - Reasonable knowledge of the Business Economics

Program Objectives -

1. To understand role of economics as it influences society and business
2. To study how different decisions are taken in relation to price demand and supply
3. To develop right understanding regarding Monopoly, perfect competition, revenue Etc

Unit No.	Unit Title	Contents	Purpose & Skills to be develop
1	Concept of Business economics.	Importance of economics in life, scope, forms of economy economic activities, economic problems , circular flow of economy Meaning and definition of business economics, scope of Business Economics Importance of economics in life, forms of economy, central problems of economics, market forces in solving economic problems, 5 sector flow of income and expenditure	**Role and purpose of economics in society and economic** & Ability to think in prudent manner
2	Demand and supply analysis	Concept of demand supply Concept of demand, determinants of demand, individual demand, market demand, Law of demand, elasticity of demand, types of elasticity of demand. Practical implementation of elasticity of demand. Methods of measuring elasticity of demand. Concept of supply, determinants of supply, elasticity of supply.	**1.To understand how the concept of demand and supply works in particular economy** **2.To study implications of different aspects of demand and supply** & Ability to examine implications of changes in demand and supply on economics and ability to select right alternatives in a given situation

3.	Revenue and cost analysis	Concept and types of revenue Importance of revenue , methods of calculation of revenue Interrelationship between marginal , total, and average revenue Concept of cost definition and importance of cost ,typology of cost analysis of cost	**1.To understand role and function of revenue in different economic decision** **2. To examine what factors determine revenue and cost** & Ability to comprehend the concept of cost and calculation of revenue and cost and Production.
4	Pricing under various market conditions	Concept of market and competition Meaning of market, types of markets - perfect competition, Monopoly, monopolistic competition, duopoly, and oligopoly. Price and output determination in different market conditions. Concept of Total Revenue, Average Revenue and Marginal Revenue, Methods of measuring TR, AR and MR, interrelationship between TR, AR and MR	**To understand concept of market and different forces affecting completion of market under different economic circumstances** & Ability to understand market forces governing economic situations

Teaching Methodology

Teaching hours	Innovative methods to be used	AV Applications	Project	Expected Outcome
10	Situation analysis evaluation of different alternatives selection of right options	Film on role of economics in life	Understands the importance of economics in life	To understand different facets of economics and importance of prudent thinking
13	Case studies on Market Situation analysis and Market analysis	Films on fluctuations in economy and market and their impact on social life	Case studies on demand and supply analysis , Examining market trends and their impact on market supply	To understand variation in demand and supply. How it affects the different economic situations and various factors of production

13	Case studies , analysis of a particular economic decisions comparative analysis of revenue and cost decisions	Animation and graphics on cost and revenue ascertainments	Examination of various cost sheet and revenue statement	1.To understand how the revenue is calculated for different situations and factors determined revenue. 2. To know the system of determination and factors consider in cost determination
12	Preparation of graphics for different market situations Analysis of market different market forces affecting demand and supply of various products	Films on monopoly and its effect Films on perfect competitions	Case studies Empirical analysis and projection of market trends	To understand how pricing determination is affected by different market players and forces and its impact on market and society

Unit	Internal Evaluation	External Evaluation
I	I- MCQ on concept meaning II- presentation on role of economic in society III- Presentations on life without economic	**25%MCQ** **Short notes 35%** **Long answers 40%**
II	I - MCQ II- Practical problems on various demand and supply as they influence market III - model illustrations explaining practical illustrations practical demand and supply	
III	I practical problems on computation of revenue II illustrations on explaining different types of revenue Case study on impact on change in cost structure	
IV	I MCQ on monopoly and perfect competition II real life situations on monopolistic pricing III Illustrations on impact of variations in equilibrium of firm on pricing under different circumstance	
	30	**70**

Suggested references

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Business Economics	Andrew Gillespie	Oxford Press	New Delhi
2	Business Economics	Rob Dransfield	Vikas Publishing House	Noida – New Delhi
3	Business Economics – Theory and Applications	Dr. D.D. Chaturvedi , Dr. S. L. Gupta	International Book House Pvt. Ltd.	New Delhi
4	Economics for management – Text and Cases	S,K. Sarangi	Himalaya Publishing House	Mumbai
5	Economics Principles and Applications	N. Gregory Mankiw	Cengage Learning India Pvt. Ltd.	New Delhi

Savitribai Phule Pune University
FY BBA Semester I (CBCS) Pattern 2019
Business Mathematics
Course Code – 105 GC
Credit 3

Depth of knowledge - Reasonable working knowledge

Program objectives

To develop appropriate understanding as how to use mathematic like computation interest, profit etc
To cultivate right understanding regaining numerical aptitude
To develop logical approach towards analytical approach data

Unit No.	Unit Title	Contents	Purpose & Skills to be develop
1	Numerical Methods for Business Managers	• Commission ,brokerage and premium , • Banking and taxation and Calendar , • Simple and compound interest	**To understand how to apply the concept of interest and methods of calculation of interest** & To develop Mathematical competence for various interest related transactions and other activities
2	Numerical Methods for Business Managers	• Profit and loss • Percentages , • Ratio and proportion , • Averages	Ability to examine concept of discount in different business situations
3.	Numerical Methods for Business Managers	• Matrix and Determinant • Permutation And Combination	Ability to apply the various concepts in business situations

4	Numerical Methods for Business Managers	• Data interpretation , • Linear Programming Problem	Ability to develop the skills for data interpretation and inferences.

Teaching Methodology

Teaching Hours	Projects and classroom practice
13	Impact of interest of profits and how loan helps business solvency
12	To develop appropriate model for estimation of profit. Applying ratio to interpreted and evaluate Financial data collection of 5 years reports of various companies for analysis
12	Problems related with combination and permutation
11	Analyzing for different situations with multiple number of parameters

Evaluation methods

Internal Evaluation	External Evaluation
1 Basic mathematical aspects reading Interest , II. Practical problems	**20% MCQ , and 40% marks for 3 marks each problem** **40% are for 4 marks each problem**
Computations on various financial transactions and other transactions	
Data interpretation	
30 marks	**70 marks**

Suggested References

	Title	Author	Publisher
1	Arithmetic for business students	Harvey,J.H.	Cassell,London
2	Business Mathematics	Dr. AmarnathDikshit&Dr.Jinendra Kumar Jain.	
3	Business Mathematics –	PadmalochanHazarika	Sultan chand& sons, Delhi
4	Business Mathematics	Bari	New Literature publishing company, Mumbai
5	Operations Research	V.K. Kapoor	Sultan chand& sons
6	Operations Research	Dr. S. D. Sharma	Sultan Chand & Sons.
7	Operations Research	Dr. J. K. Sharma –	Sultan Chand & Sons.
8	Business mathematics	Dr.AnwarShaikh, Prof.R.G.Gurav, Prof.Tawade, Prof. Vaibhav Joshi	Success Publication,Pune

Savitribai Phule Pune University
FY BBA Semester I (CBCS) Pattern 2019

Business Demography
Code: 106 SC
Credit 4

Depth of the course - Reasonable working knowledge
Program objectives
1. To give proper understanding regarding concept of demography in modern economic setup
2. To study how population and structure changes affecting quality of life and business
3. To develop clarity of concept regarding social economic process and urbanization and its impact on society

Unit No.	Unit Title	Contents	Purpose Skills to be develop
1	Concept of demography	Meaning, importance and need of demography. Studies Study of demography. As an essential discipline of social economic change ,Scope and components of Demography Factors affecting mortality, fertility rate, Methods to calculate fertility and mortality rate.	**Growing importance of modern economics and society.** To Develop Rational understanding of demography, analysis and effects on society
2	Distribution of population and population growth	Density and population distribution Concept of over and under population Method of assessment of population growth	**To understand how population growth influences aspects on society** To develop understanding regarding growth process and social economic changes

3.	Population as resources	Importance of human resource as development of the nation Concept of literacy and its importance in modern society Concept of sex ratio age and sex pyramid Concept of working and dependent population	**To understand importance in modern and socio economic statues and to learn about role of literacy in economic development** Ability to examine implications of changes in population
4	Urbanization and its implications	Concept of urbanization factors affecting urbanization. and rural population , Features and importance Urbanization. Behavioural and demographic Structure and various factors responsible for urbanization	**To understand the various determinants of urbanization and migration** Ability to understand how urbanization affects the resource allocation and resource planning

Teaching Methodology

Teaching hours	Innovative methods to be used	AV Applications	Project	Expected Outcome
12	Analysis of censes reports Examining the tends in population curve	Films on population explosion	Mapping of various components of Demography Case study on impact on changes in demographic structure	Ability to understand the components of demography. Factors governing of a particular economics and government. Socio economic changes as a outcome of demographic changes
12	Analysis of trends in variation population and its impact on budget ,economic planning and social development	A film on population explosion A film on topography	A study of demographic changes in India Difference provinces in India	Ability to examine how demographic changes - influences different aspects of policy formulation and social development

12	Designing of population pyramid Developing charts of implications of changes in sex ratio of economy on society	Project on examining population change as a determinant A film on relation on literary and development	NIL	To learn about implications of changes in population and structure of population on economy and society
12	Prepare charts and Study of urbanization taken place from last two decades With its effects on business	Case studies on urbanization and sustainability and problems of over exploitation of recourses	Study of particular factor of production in district or state and their effects on various sectors	Equal and unequal Distribution of resources and factors of production and its impact on society

Evaluation Methods

Subject	Internal Evaluation	External Evaluation	Tutorial /Project (Internal)
Unit – I	I MCQ on meaning concept and applications of demography II profile preparation on regional III Interpretation of data	**25% MCQ** **Short notes 35%** **Long answers 40%**	**Business Demography (106) Credit 1 - Marks 20** **Tentative outline for tutorials – (Select any 2 topics)** 1Collecting information on changes took place in local and regional Demography 2.Issues related migration Gender equalities/ inequalities and its effect on business 3.Government regulations and its effects on business Relation of Demography and economic development **The evaluation of students must be on the following grounds. (20 marks)** 1. Understanding of the subject 2. Content
Unit – II	MCQ on density of population various aspects of population II Application based questions on measuring assessment of population of method III analysis of particular aspect of censes report		
Unit – III	Presentation on HR Development in growth II Presentation on role of literacy on growth III Interpretation of statistical data		
Unit – IV	I GD on effects of urbanization on society		

	II quiz on Urbanization on society III Poster or exhibitions on urbanization of society		3. Selections of the topic and application of the theory 4. Overall confidence & Presentation skills **Note:** **Students should be well informed about the tutorials and sufficient time must be given to the students to fulfill the requirements of the tutorials.**
Total –	**30**	**50**	**20 marks**

Suggested references

Sr. No.	Title of the Book	Author/s	Publication	Place
	The Methods and uses of anthropological Demography	**Alaka M. Basu**	**Columbia university press**	
	The demographic dividend – A new perspective on the Economic consequences of Population Change	**David E. Bloom, David Canning**		
	The Continuing Demographic Transition	**G.W. Jones ,R.M.Douglas**		
	Demographics :A casebook for business and Government	**Hallie .JKintner „Thomas W.Merrick**		
	Population , Ethnicity and Nation Building	**By Calvin C.Goldscheider**		
	Population Dynamics :A new Economic Approach	**C.Y. Cyrus Chu**	**Oxford**	

Savitribai Phule Pune University
FY BBA Semester II (CBCS) Pattern 2019
Business Organizations and Systems
Course Code 201
Credit 4

Depth of the program – Fundamental Knowledge

Objective of the Program:

1) To understand role and functions of modern business
2) To develop right understanding regarding business environment
3) To study how a business institution functions in a given economic set up

Unit No.	Unit Title	Contents	Purpose and Skills to be developed
1	Nature and evolution of business	Concept of business and its characteristics, Objectives of business and prerequisites of a successful business, Development and evolution of Trade, commerce and industry, Recent Trends in Modern Business i.e. BPO, KPO, Entrepreneur &Homepreneur and online trading, digital marketing and payment methods	To understand the purpose of business, To learn how a business unit works and serves the society, historical progress of business as an economic entity, socio economic changes have led to economic development, To study the new trends in commerce.
2	Forms of Business Organization	Forms of business organization and its selection, Meaning, characteristics, advantages and Limitations of Sole proprietorship, Partnership Firm, Limited Liability partnership Firms and private company, Joint Stock Company, virtual business organizations, boundary less organizations, OPC (One Person company)	To understand the significance of different forms of business organizations their types, function, merits and limitations.

3.	Setting up of a business enterprise	Identification of ideas and opportunities, Influencing factors while setting up of business enterprise, Feasibility report of a business enterprise, Size and location of a business enterprise. licensing and basic legal formalities to start a new business enterprise	To know how to search business ideas, how to pre business feasibility report, how to identify ideal business location and deciding optimal size for a new business unit, identification of capital sources for new business unit and basic documentation required for business enterprise.
4.	Study of Domestic and Foreign Trade	Levels of Distribution Channels and their role **Domestic Trade:** Concept of Domestic Trade, Wholesaling and Retailing **Foreign Trade:** Concept of Export and Import; Export and Import Procedure	To learn about how a retail trade works in business system, different forms of retail trade and their contribution in the economy To give a brief introduction to stages of internationalization.

Teaching methodology

No of lectures	Innovative methods to be used	Film shows and AV Applications	Project	Expected Outcome
12	Study of a business unit in given environment , Interview of a sole trader to know how he started the unit,	Film shows on ideation of business enterprise Film shows of feasibility report Film on 'Market Development'	Profile of a departmental store works, Observation of function of a KPO/ BPO or online trading	Understand how a business functions , Understanding the idea of business as an economic entity, To understand modern commerce performs new business initiatives.
12	Analysis of partnership firm related documents, Film show on 'Role of sole trader in economy', Film on promotion and formation of company	Film show on 'Role of sole trader in economy' Film/ animation on admission and retirement Film/ animation / Expert lectures on LLP/ Private Company	Report writing on 'Examining the style and functions of different types of sole traders, Project on Analysis of LLP and private company related documents.	Knowledge of selection and appropriateness of a form of business organization , Learning functioning of different types of Sole proprietorship, How a partnership firm is formed,

		Film on promotion and formation of company	Project on Process of formation of a company and role of promoters in formation	partnership deed, admission and retirement of a partner, Documentation process of LLP and private limited company and process of registration, Documentation process of joint stock company and process of registration
11	Film shows on ideation of business enterprise, Guest lecture on how to write a business report, Analysis of market, business units and initial size of successful business unit	Film shows on ideation of business enterprise Film shows of feasibility report Film on 'Market Development'	Preparation of a business report and presentation of the same in a business plan competition	Understanding of basic knowledge about how to start a business enterprise, Understanding the determinants of a selection of a business idea, Understanding the factors governing the selection of size of business.
10	Films and presentations of various forms of retail trade and new trends in retail trade Audiovisual aids giving example of stages of internationalization with reference to different multinational and transnational companies	Presentations on Retail trade and contribution in economic growth	Project report on various types of supply chain and retailing methods	Understanding the nature of retail trade and how a retail trade works in business system, different forms of retail trade and their contribution in the economy. Understanding brief introduction to stages of internationalization.

Internal Evaluation

Tutorials/Presentations	**Topics for Assignments (Select any 2)**
CCT – 1 Credit	I) Recent trends in modern businesses
20 Marks	ii) Various legal formalities for starting a business

	iii) Case Study Solution Report – Importance of location and competitors analysis iv) Project submission Presentation – Homeprenuership, BPO, KPO and One person company. **The evaluation of students must be on the following grounds. (20 marks)** 1. Understanding of the subject 2. Content 3. Selections of the topic and application of the theory 4. Overall confidence & Presentation skills **Note:** **Students should be well informed about the tutorials and sufficient time must be given to the students to fulfil the requirements of the tutorials.**	
Internal Examination **30 Marks**	**Internal Evaluation – Role Plays, Case Studies, Situation analysis, MCQ's , Long question papers etc**	**Suggested Add on Course** **Basic managerial skills**
	Total : 50 marks	

Suggested References

Sr. No.	Title of the Book	Author/s	Publication	Place
	Business Organization and Management	**Vijay Kumar Kaul**	**Pearson**	**New Delhi**
	Business organization	**Dr. Khushpat S. Jain**	**Himalaya Publishing House**	**Mumbai**

	Modern Business Organisation and Management – Systems Approach	**S.A. Sherlekar , V.s. Sherlekar**	**Himalaya Publishing House**	**Mumbai**
	Business Organization	**Rajendra P. Maheshwari , J.P. Mahajan**	**International Book House**	**New Delhi**
	Business Organisation and management	**Neeruvasishtha , namitaRajput**	**Kitab Mahal**	**Allahabad**
	New Course in Organization of Commerce	**A.N. Rangparia ,Chopde, Negwekar and 8 more**	**Sheth**	**Mumbai**
	Students' guide to Business Organisation	**Dr. neeruVasishth**	**Taxmann**	**New Delhi**
	Business Organisation and Management	**Jagdish Prakash**	**Kitab Mahal**	**Allahabad**

Savitribai Phule Pune University
Question Paper Pattern (2019) for FY BBA (University examination)
Subject - Business Organizations and Systems
Code no 201

	Compulsory /Choice	**Name of the Question**	**Marks**	**Total Marks**
1	Compulsory Question	Objective Type Question- Multiple Choice Questions	4	15 Marks
		Fill in the blanks	3	
		Define the terms and Match the pairs	8	
2	Solve any 2 out of 4	Long Answer Question	2*10 marks	20 Marks
3	Solve any3 out of 5	Short Notes	3*5 marks	15 Marks
	Total			**50 Marks**

Savitribai Phule Pune University
FY BBA Semester II (CBCS) Pattern 2019
Principles of Marketing
Course code 202
Credit 3

Depth of the syllabus - Reasonable knowledge of the Marketing

Objectives –

1. To develop write understanding regarding marketing environment in the country
2. To develop appropriate conceptual understanding as to develop basic marketing concept
3. To develop new understanding regarding services , rural marketing and new trends in marketing

Unit No.	Unit Title	Contents	Purpose and Skills to be developed
1	Concepts and functions of marketing	Marketing concepts, its objectives ,importance and functions of marketing Various Approaches of marketing Challenges and opportunity of marketing manager in international market	Role and importance of marketing manager To understand the silent features of Indian and international Marketing Management Ability to learn how marketing functions in a given environment To understand various tasks performed by marketing managers in different environment
2	Marketing Environment and marketing segmentation	Marketing environment – meaning Internal and external factors influencing marketing environment , Political ,social economical international , technological multi-cultural environment Segmentation: concepts, importance and its types of segmentation.	To know about changing various factors which affects the marketing system. To study the profiles of change in technology, economic policy and demography of Indian market . To study the types of segmentation To develop write understanding of profile of Indian market

3.	Constituents of marketing mix	Marketing Mix- Meaning scope and importance of marketing mix Product mix concept of a product , product characteristics Intrinsic and extrinsic, PLC. Price mix - meaning ,element , importance of price mix ,factors , influencing pricing , pricing methods Place mix , Promotion mix Place mix meaning and concepts of channel of distribution or intermediaries , Promotion mix meaning, definitions , importance and limitations of advertisement People mix meaning & concepts, elements, importance. Process mix -stages, meaning& importance. Physical evidence- meaning, importance & components.	To have right understanding of marketing mix as they influences as marketing mix. To develop understanding regarding various aspects of price promotion physical distribution place, people, process & physical evidence affecting a success of a market.
4.	Classifications and types of markets	Conventional classification of markets. Services marketing its main features importance, growth functions. Rural marketing features and its contribution to Indian economy ,problems and measures to improve Recent trends in Marketing- 1.Green Marketing concepts 2.,Digital Marketing, 3.Virtual Marketing, 4.Hybrid Marketing	To understand different types of markets there role and functions To examine marketing activities are performed and contribute to the economy. To learn about types of market in developing economy and society.

Teaching Methodology

Teaching Hours	Innovative methods to be used	AV Applications	Project	Expected Outcome
Unit I -12	Role Play Development of profiles of Indian Market analysis of a Indian market ,roles and applications in	Films and animations on various marketing Applications	Preparing profiles of marketing functions in different organizations Developing a sketch of various marketing managers working in different companies	Knowledge about functioning of modern Indian Markets Understanding the marketing process and

				planning in international prospects
Unit II – 12	Project on impact of technology on market , analysis of marketing economic policy as they influence Indian markets	Films on marketing environment in Indian and expert lectures on Indian economic system as they influence on markets	Project on technological changes ,reports on new trends in market Profile of marketing policies	To improve understanding regarding marketing environment and segmentation in Indian context.
Unit III- 14	Analysis of successful product launches a Study of select product failures Analysis of various marketing champions	Films on product launch selection of marketing media product life cycle Case study on marketing mix.	Profile of event for new product launch Analysis of advertising campaigns for a launch of a product Profile in India	To cultivate an appropriate Product development process launching and pricing of the product To examine the effect of marketing mix and consumer
Unit IV - 10	Project on role of marketing economy Profile sketch of improving and developing a cases in rural market	Films on problems of rural market role of rural economy and growth of services marketing.	Case study on marketing of services ,problems of rural markets ,developing appropriate strategies for rural market.	Developing a right and complete understanding different types of market in developing economy and how marketing services improve quality of life.

Evaluation Method

Unit – I	MCQ – on concept of Marketing role and importance II practical applications on different approaches to marketing profile study of role and functions of marketing at different organizations.	**25% MCQ** **35% short notes** **40% long answers**
Unit – II	I MCQ on different facets of marketing environments II analyses of different constituents of marketing environment Through case study III – MCQ on Marketing segmentation	**20% MCQ** **40% short notes** **40% long answers**
Unit – III	I – MCQ on different aspect of Market mix II case study on role of product mix in marketing mix III analysis of market mix Price and place mix as criteria	**20% MCQ** **40% short notes** **40% long answers**
Unit – IV	MCQ- on classification and types of Market II analysis of profile of different rural markets and rural consumers in India III analysis of marketing of services in Indi	**30% MCQ** **30% Short notes** **40% long answers**
Total –	**30**	**70**

Suggested References

Sr. No.	Title of the Book	Author/s	Publication	Place
1.	Marketing Management	Philip Kotler &keven lane keller	Pearson India	South Asia
2.	Marketing Management	V. S. Ramaswamy , S. Namakumari	Macmillan	New Delhi
3.	Marketing In India Text and cases	S. Neelamrgham	Vikas Publication	New Delhi
4.	Textbook of Marketing	Keith Blois	Oxford	New Delhi

5.	**Marketing - Cases Insights**	**Paul Baines , Chris Fill , Kelly page Piyush K. Sinha**	**Oxford**	**New Delhi**
6.	**Foundational Of marketing**	**John Fahy& David Jobber**	**Tata McGraw Hill**	**New Delhi**

Savitribai Phule Pune University
Question Paper Pattern (2019) for FY BBA
University Examination
Sub: Principles of Marketing
Code no - 202

Q.No	Compulsory /Choice	Name of the Question	Marks	Total Marks
1	Compulsory Question	Objective Type Question- Multiple Choice Questions	5	20 Marks
		Fill in the blanks	5	
		Define the terms and Match the pairs	10	
2	Solve any 3 out of 5	Long Answer Question	3*10 marks	30 Marks
3	Solve any 4 out of 6	Short Notes	4*5 marks	20 Marks
	Total			**70 Marks**

Savitribai Phule Pune University
FY BBA Semester II (CBCS) Pattern 2019
Principles of Finance
Course code 203
Credit 3

Depth of the syllabus – Depth Reasonable working knowledge

Objectives

1. To cultivate right approach towards money , finance , and their role in business
2. To develop right understanding regarding various sources of finance and their role and utility in business
3. To develop basic skills as to concept of capital structure and concept of capital structure

Unit No.	Unit Title	Contents	Purpose and Skills to be developed
1	**Unit 1 Basic concepts in finance**	Definition - Nature and scope of finance function, Financial Management - Meaning – Approaches: - Traditional, Modern, Role of finance manager.	To understand role and importance in business Ability to understand implication of finance on business
2	**Unit 2. Sources of Finance**	External: - Shares, Debentures, Public Deposits, Borrowing from banks: - meaning, types, advantages and limitations of these sources, Internal: - Reserves and surplus, Bonus shares Retained earnings,.	To understand role and need of source of finance How different determinants of size and type of business Sources of business finance To learn about imp features and their applications considering their requirements in business
3.	**Unit 3. Capital Structure**	Meaning criteria for determining capital structure, Factors affecting capital structure, Capitalization:- Meaning, over capitalization and Under Capitalization - meaning, causes, consequences, remedies	To Understand how basic financial structure is designed To know what are the constituents a financially sound business units Analytical ability to understand implications of various constituents of capital units

4	**Recent Trends in business finance:-**	**Meaning and nature of** Venture Capital, Leasing, Microfinance, Mutual Fund	To understand new and emerging trends in business finance Ability to understand about current issues related with new trends in business finance

Teaching Methodology

Unit & teaching Hours	Innovative methods to be used	AV Applications	Project	Expected Outcome
I – (14)	Presentation on how finance helps in org .business successfully Presentation on identifying different needs of finance activities	Short films on Finance and business activities	Estimation on financial needs of small and tiny business needs Assessing financial fusibility of a business venture	To develop Competence to apply various concept in finance for decision making to
II-(13)	Poster presentation on comparative analysis of sources of finance Financial institution who provides sources of finance	Films on different institutions meeting different needs of finance	Developing a suitable financial needs assessment chart developing a checklist for developing source of fiancé	To develop rational understanding regarding role and utility of different sources of finance
III-(11)	Comparative analysis of different determinants of capital structure Determining need for optimal rational capital structure Implications of over and under capital methods	Films on over and under capitalization on business unit Film on a sound capital structure	A report on assessing capita needs of a business need Evaluating a balance sheet Whether the firm is over or under capitalized	To understand importance of rational and sound financial structure To understand role of capital as a determinant business success
IV –(10)	Presentation emerging trends in business Micro finance and mutual funds Profile presentation on various mutual funds and venture capital financers in India	Films on contemporary tends in mutual fund in India Films on venture capital and micro finance institutions in India	A report on contribution of mutual funds in economy Role of leasing industry in business finance	To have right understanding how modern business is changing and what are the new trends in business finance

Evaluation Method

Unit	Internal Evaluation (30Marks)	Suggested Add on Course
Unit – I	MCQ on role and importance of finance and business ,Discuss/debate on implications of finance on business success , Presentations on assessing financial need and financial needs in business	**Basic course in Financial markets**
Unit – II	Comparative analysis of various sources of finance -Selecting a right source of finance for different business and projects, MCQ on various sources of finance.	
Unit – III	MCQ on determinants of capital structure ,Cases study on over and under capital structure Designing on over and under capital structure ,Practical problems on estimating capital requirements of a firm	
Unit – IV	MCQ on Concepts ,applications on Capital, Leasing, Microfinance, Mutual Fund ,Presentations on utility of venture capital and leasing in business , Profile of successful micro financing institutions	

Suggested References

Sr. No.	Title of the Book	Author/s	Publication	Place
1	**Financial management – Theory and Practice**	**Prasanna Chandra**	**McGraw Hill Education**	**New Delhi**
2	**Financial Management**	**I.M. Pandey**	**Vikas Publishing House Pvt. Ltd.**	**New Delhi**
3	**Financial Management**	**Rajiv Srivastava , Anil Misra**	**Oxford – University Press**	**New Delhi**
4	**Financial Management**	**P.V. Kulkarni , B.G. Satyaprasad**	**Himalaya Publishing House**	**Mumbai**
5	**Fundamentals of Financial management**	**James C. Van Horne , John M. Wachowicz , JR**	**Prentice Hall of India Pvt. Lit.**	**New Delhi**
6	**Financial management Comprehensive Text Book with Case Studies**	**Ravi M. Kishore**	**Taxmann's**	**New Delhi**
7	**Financial management – recent Trends In Practical Application**	**Chandra HariharanIyer**	**International Book House Pvt. Ltd.**	**Mumbai**

Savitribai Phule Pune University
Question Paper Pattern 2019 for FY BBA
University Examination
Principles of Finance
Code no -203

Q.1. (A) Write true or false	**5M**
Q.1. (B) Fill in the blanks	**5M**
Q.2 Write short notes (Any 3)	**15M**
Solve Any 3	
Q.3 Long question	**15M**
Q.4 Long question	**15M**
Q.5Long question	**15M**
Q.6Long question	**15M**
Q.7Long question	**15M**

Savitribai Phule Pune University
FY BBA Semester II (CBCS) Pattern 2019
Basics of Cost Accounting
Course code 204
Credit 3

Depth of the syllabus – Reasonable working knowledge

Objectives

1. To develop rational understanding regarding concept of cost expenditure in business
2. 2.To develop understanding how overheads influence the cost structure of cost
3. To develop skills for computation of total cost for a particular product

Unit No.	Unit Title	Contents	Purpose and Skills to be developed
1	**Basic concept in cost –**	Concept of Cost, Costing, Cost Accounting & Cost Accountancy , Origin, Objectives and Features of Cost Accounting , Difference between Financial and Cost Accounting, Conceptual analysis of Cost Unit & Cost Centre	To understand importance of costing in decision making Ability to understand importance of costing and role of costing
2	**Elements of cost and Cost Sheet**	Material, Labour and other Expenses, Classification of Cost & Types of Costs, Preparation of Cost Sheet	To understand how to prepare a cost statement and analyze implication of elements of cost on total cost Ability to examine different aspects of cost as they influence total cost structure and sales price. Ability to prepare comprehensive cost sheet.
3.	**Overheads**	Meaning and Definitions, Classification of Overheads, Collection, allocation, apportionment and reapportionment of overheads 3.4 Under and over absorption – Definition and Reasons	To understand concept of overhead as it contributes to total cost of a product or service Ability to ascertain ability to distinguish different types of overheads as it influences he total cost in a given situation

4.	**Contact and process cost and Methods of costing**	Contract Costing – Meaning and features of contract costing, works certified and uncertified, escalation clause, cost plus contract, work in progress, profit on incomplete contract , Process Costing - Meaning, Features of process costing, preparation of process costing including Normal and Abnormal Loss/Gains,	To understand role of contract costing in ascertaining cost of a particular project or activity To know how cost is ascertained for different types of processes To develop ability to ascertain cost of a particular contract under different circumstances. To learn how cost of a particular process is ascertained especially in case of single or multiple process as well as for joint products.

Unit & teaching Hours	**Innovative methods to be used**	**AV Applications**	**Project**	**Expected Outcome**
Unit I -12	Demonstration of costing as basic decision input	Film on costing	Preparing a statement of cost , understanding different aspects cost and financial accounting	How to use cost of concept
Unit II - 12	NA	Videos on methods of determination of cost	Analysis of cost statement of different types of manufacturing units	Development of basic ability to think about cost as an ingredient of price mechanism
Unit III- 14	Practical problems on computation of overhead and relationship between different overheads as they affect the total cost structure.	Video on 'Role of different overheads in total cost structure'	To ascertain different components of overheads and identify how overheads brings difference in total cost	To develop competence, to prepare comprehensive cost sheet and understand implication of overheads on total cost structure

Unit IV - 10	To learn about contract and process cost and to learn practical aspects of the above	Videos on contract and process cost	Project on development contact cost system for a particular project. Analysis of various elements of cost associated with multi process products in manufacturing units.	Development of reasonable working knowledge of methods of ascertainment of cot of a contract or process.

Teaching Methodology

Unit	**Internal Evaluation (30 Marks)**
Unit – I	I Filling the banks and match the pairs related with different concepts of cost ,II presentations on cost accounting in different org III cases study on role of cost accounting in profit determinations
Unit – II	I. Application based questions on –different components elements of cost ,preparing charts on different types of cost sheet
Unit – III	I. Application based questions on classification of overheads , II MCQ on concept of overheads ,III practical questions on reapportionment on classification of overheads ,Preparation of chars on classification of overheads
Unit – IV	MCQ on contact and process cost , II interpretations based questions on different types of cost III Practical based questions on contact based costing

Suggested References

Sr. No.	Title of the Book	Author/s	Publication	Place
	Cost Accounting and Financial Management	M.Y. Khan , P.K. Jain	McGraw Hill	New Delhi
	Cost accounting Theory and practice	Bhabatosh Banerjee	PHL Learning Pvt. Ltd.	New Delhi
	Cost Accounting -	Dr. P.C. Tulsian	S. Chand	New Delhi
	Costing Adviser	P.v.Rathnam , P. Lalitha	Kitab Mahal	Allahabad
	Cost Accounting – A managerial Emphasis	Charles T. Horngren , Srikant M. Datar , Madhav V. Rajan	Pearson	New Delhi
	Advanced Cost and Management Accounting	V. K. saxena , C. D. Vashist	Sultan Chand & Sons	New Delhi
	Cost Accounting	Jawahar Lal Seema Srivastava	McGraw Hill education	New Delhi

Savitribai Phule Pune University
Question Paper Pattern (2019) for FY BBA
University Examination
Sub: Basics of cost accounting
Code No.204

Compulsory /Choice	Name of the Question	Marks	Total Marks
Compulsory Question	Objective Type Question- Multiple Choice Questions	5	15 Marks
	Fill in the blanks	5	
	Define the terms and Match the pairs	5	
Solve any 4 out of 5	Short Notes /short questions	4*5 marks	20 Marks
Q4. Solve	Problems on Cost sheet	1*15 marks	15 Marks
	Problems on Contact costing and process costing	3*10	20 Marks

Savitribai Phule Pune University
FY BBA Semester II (CBCS) Pattern 2019
Business Statistics
Course code 205
Credit 3

Course Depth: Reasonable working knowledge

Objectives:

1. To understand role and importance of statistics in various business situations
2. To develop skills related with basic statistical technique
3. Develop right understanding regarding regression, correlation and data interpretation

Unit No.	Unit Title	Contents	No of Hours
1	**Frequency Distribution**	1.1 Raw data, variable, discrete variable, continuous variable, constant, attribute with illustration. 1.2 Classification- Concept and definition of classification, objectives of classification, types of classification. 1.3 Frequency Distribution- Discrete and Continuous frequency distribution, Cumulative frequency and Cumulative frequency distribution. 1.4 Graphs & Diagram- Histogram, Ogive curve, Pie-Diagram, Bar Diagram, Multiple bar Diagram, Sub-divided bar diagram	8
2	**Measure of Central Tendency**	2.1 Concept and meaning of Measure of Central Tendency, Objectives of Measure of Central Tendency, Requirements of good Measure of Central Tendency. 2.2 Types of Measure of Central Tendency, Arithmetic Mean (A.M), Median, Mode for discrete and Continuous frequency distribution, Merits & Demerits of A.M., Median , Mode, Numerical Problem. 2.3 Determination of Mode and Median graphically. 2.4 Empirical relation between mean, median and mode. 2.5. Combined Mean 2.6. Numerical Problems.	8

3	**Measure of Dispersion**	3.1 Concept and meaning of Measure of dispersion, Requirements of good Measure of dispersion. 3.2 Types of Measure of Dispersion- Absolute & Relative Measure dispersion (Range, Standard Deviation (S.D.), Variance, Quartile Deviation, Coefficient of Range, Coefficient of Quartile Deviation, and Coefficient of Variation (C.V). 3.4. Combined Standard Deviation 3.5 Numerical Problems	10
4	**Correlation & Regression**	**4.1.** Concept and meaning of Correlation, Types of correlation. 4.2. Methods to study Correlation:- Scatter Diagram, Karl Pearson correlation coefficient, Spearman Rank Correlation Coefficient (with Repeated Ranks) 4.3 Numerical Problems on Correlation 4.4 Regression- Concept and meaning of regression, lines of regression equation of Y on X and X on Y. 4.5 Regression coefficients, properties of regression coefficients, 4.6 Numerical problems on Regression	12
5	**Index Numbers**	5.1 Concept and meaning of Index Number, Notations 5.2 Construction of Price Index Number, Problems in the construction of Index Number, Cost of Living Index Number (CLI), Family Budget Index Number 5.3 Uses of Index Number 5.4. Numerical Problems.	10

Suggested References

Sr. No.	Title of the Book	Author/s	Publication	Place
1	**Business Statistics**	**Girish Phatak**	**Tech – Max**	**Pune**
2	**Statistics for Business**	**Dr. S. K. Khandelwal**	**International Book House**	**New Delhi**
3	**Fundamentals of Business Statistics**	**J.K. Sharma**	**Pearson**	**New Delhi**
4	**Business Statistics**	**G.C. Beri**	**The McGraw-Hill companies**	**New Delhi**
5	**Statistics Theory and Practice**	**R.S. N. PillaiBagavathi**	**S. Chand**	**New Delhi**
6	**Statistics for Managerial decision Making**	**Dr. S. K. Khandelwal**	**International Book House**	**New Delhi**
7	**Business Statistics For Contemporary Decision Making**	**Ken Black**	**Wiley India Edition**	**New Delhi**

8	**Fundamentals of statistics**	**S.C. Gupta**	**Himalaya Publication House**	**Mumbai**

Savitribai Phule Pune University
Question Paper Pattern (2019) for FY BBA
University Examination
Sub: Business Statistics
Code No.205

MAXMARKS:-70

Instructions:

I. All question are compulsory
II. Figures to the right indicate full marks.
III. Notations & abbreviations have their usual meaning
IV. Simple calculator is allowed

Q1.A) Fill in the blanks [2 X 5=10]

B) State whether the following statements are True OR False: [2 X 3=6]

Q2. Attempt any four of the following (Four out of Six) [4 X4=16]

Q3. . Attempt any four of the following (Four out of Six) [4 X4=16]

Q4. . Attempt any four of the following (Four out of Six) [4 X4=16]

Q5 Attempt any one of the following (One out of Two) [1 X 6=6]

Savitribai Phule Pune University
FY BBA Semester II (CBCS) Pattern 2019
Fundamentals of Computers
Course code 206
Credit 4

Depth of the course - Reasonable working knowledge

Objectives:

1. To develop concept of information and their role in modern businesses
2. To develop rational approach as to how computers can be used in data process analysis in business
3. To develop understanding regarding cautions to be taken security, safety and security while using net based service

Unit No.	Unit Title	Contents	Purpose and Skills to be developed
1	**Introduction to Computers**	Introduction, Characteristics of Computers, Block diagram of computer, Booting Process, Types of Programming Languages-Machine Languages, Assembly Languages, High Level Languages, Data Organization, Drives, Files, Directories, Storage Devices, Primary Memory, RAM , ROM, Secondary Storage Devices - FD, CD, HDD, Pen drive I/O Device- Monitor and types of monitor, Printer and types of printer, Scanners,Digitizers,Plotters Number Systems-Introduction to Binary, Octal, Hexadecimal system Types of computers	To understand role and importance of computers in business processes To develop understanding regarding role of computers in business operations.

2	**Basics of Computer Networks & Internet**	Definition-Operating System, Functions of O.S., Types of O. S. – Single user O.S., Multiuser O.S., Overview of Windows O. S., Android O. S., IOS Definition, Goals, Applications, Components, Topology, Types of Topology, Types of Networks, LAN, MAN, WAN,	To understand the importance of operating system To understand structure and modeling of computer networking and data communication in business process. To develop understanding regarding usage, functionality and services provided by operating system in business processes. To develop understanding regarding need, structure and working of computer networking in business operations.
3.	**Introduction to Spreadsheet Software and Presentation Software**	MS-Excel Various Functions such as Sum, average, count, max, min, Graph / Charts in Ms Excel MS–PowerPoint: Animation Effects, Transition Effects, Slide Show Setting	To learn the process for usage of different computer application in business processes. To develop skills and ability to handle different applications in business process.
4	**Introduction to Internet & cyber security**	WWW, Internet, Internet Service Providers(ISP), Services Provided by the Internet: e-mail, search engine, Information security overview – Background and current scenario Types of Attacks , Goals of security ,Overview of security threats ,Weak / Strong passwords and password cracking Insecure Network connections, Digital signature	To understand cautions and stapes to be taken and net based services. Ability to handle various software and programmes with due cautions and care.

Teaching Methodology

Teaching hours	Innovative methods to be used	AV Applications	Project	Expected Outcome
11	Demonstrations and hands-on experience Practical exposure regarding usages of computers	Films on role of computers in business decision making	Role of computers in simplifications of business activities Projects on importance of computers in business data analysis.	Proficiency in applying computers in business activities like data processing Tabulation ,data analysis And presentation of data
12	Demonstration and on experience exposure regarding set up of networks like client server architecture, LAN etc.	Films on role of networking in business communication, environment and process	Role of networking system in simplifications of business activities. Projects on importance of Computer network in business Processes.	Proficiency in set up of Different structure computer network in business environment.
11	Demonstration and on experience regarding usage of MS-Excel, MS-Power Point.	Films on Spreadsheets and Presentation	Role of Spreadsheets in simplifications of business activities Projects on importance of spread sheets in business data analysis and processing.	Proficiency in handling of different applications, preparation of power point Presentation.
11	Demonstrations hands on experience and care to be taken while using computers and charts and checklist.	Films on cyber security	Case studies on implications on cyber-attacks and Loss due to improper cyber activities.	Proficiency in usages in processing and transmission of data through computers and internet.

Evaluation	*Internal 30 Marks* *External - 50 Marks*

Suggested References

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Introduction to Computer Security	Matt Bishop ,	Pearson	New Delhi
2	Computer Organization	G.V. Anjaneyulu	Himalaya Publishing House	Mumbai
3	Fundamentals of Computers	V. Rajaraman	PHI Learning	New Delhi
4	Computer fundamentals	Pradeep K. Sinha	BPB Publications	New Delhi

Savitribai Phule Pune University
FY BBA Semester II (CBCS) Pattern 2019
Course Title: Fundamentals of Computers
Course Code 206
Credit 1

Supplementary Guidelines for conducting BBA CBCS

Demo Lecture for the following topics by the teachers. The students are supposed to submit a written assignment and Presentations on the given topics.

The evaluation of students must be on the following grounds. (20 marks)

1. Understanding of the subject
2. Content
3. Selections of the topic and application of the theory
4. Overall confidence & Presentation skills

Note:
Students should be well informed about the tutorials and sufficient time must be given to the students to fulfill the requirements of the tutorials.

1. Prepare a Power point presentation on “Mobile Shoppe”.
2. Prepare a Power point presentation on “New Product Launch”.
3. Prepare a Power point presentation on “Monsoon Sale Dhamaka”.
4. Using any spreadsheet package creates worksheet to calculate the balance of customer from bank after depositing and withdrawing some amount.

   (take 10 suitable records)

Account No.	Withdraw	Deposits	Balance

Calculate and display the following

- Maximum Balance - Minimum Balance
- Average Balance - Total No. of Accounts

5. Using any popular spreadsheet package, prepare a worksheet to calculate the monthly total salary of an Employee if basic salary is given (take 10 suitable records).

Name of Employee	Basic Salary	HRA	DA	IT	PF	Net

Total Salary=Basic Salary+DA+HRA HRA=15%of Basic Salary

DA=10% of Basic Salary PF=8.33% of Basic Salary

IT=30% of Basic Salary Net Salary=Basic+DA+HRA-(IT+PF)

6. Apply for New Passport using e-Seva.
7. Use of Internet for Railway Ticket Booking.
8. Online application for Driving License.

Savitribai Phule Pune University [SPPU]

B.Sc. (Chemistry)

(Three Years Integrated Degree Program)

Choice Based Credit System [CBCS]

From Academic Year

2019-2020

First Year (F.Y. B. Sc.)

Board of Studies (Chemistry)

Savitribai Phule Pune University [SPPU]
Pune-41107

Structure of F. Y. B. Sc. Chemistry

Semester	Course	Discipline Specific Core Course (DSCC)*
I	Theory	CH-101 : Physical Chemistry (2 credit , 36 L)
	Theory	CH-102 : Organic Chemistry (2 credit, 36 L)
	Practical	CH-103 : Chemistry Practical –I (1.5 Credit, 46.8 L)
II	Theory	CH-201 :Inorganic Chemistry (2 credit , 36 L)
	Theory	CH-202 : Analytical Chemistry (2 credit, 36 L)
	Practical	CH-203 : Chemistry Practical –II (1.5 Credit, 46.8 L)

***N.B.:**

i. **Each lecture (L) will be of 50 minutes.**
ii. **Each practical of 3h 15 min and 12 practicals per semester**
iii. **12 weeks for teaching 03 weeks for Contentious assessments**
iv. **For details refer UG rules and regulations (CBCS for Science program under science & Technology) given in Appendix**

Savitribai Phule Pune University, Pune

F.Y.B.Sc. Chemistry Syllabus

(CBCS Semester Pattern)

From Academic Year 2019-2020

Equivalence with Previous Syllabus

New Course (2019 Semester Pattern) (50 min /L)	**Old Course (2013 Annual Pattern) (48 min /L)**
CH-101 : Physical Chemistry (2 credit , 36 L) 50 Marks	Paper I : Physical and Inorganic Chemistry (72 L) 100 Marks
CH-201 :Inorganic Chemistry (2 credit , 36 L) 50 Mark	
CH-102 : Organic Chemistry (2 credit, 36 L) 50 Marks	Paper II : Organic and Inorganic Chemistry (72 L) 100 Marks
CH-202 : Analytical Chemistry (2 credit, 36 L) 50 Marks	
CH-103 : Chemistry Practical–I (1.5 Credit, 46.8 L) 50 Marks	Paper III : Chemistry Practical 100 Marks
CH-203 : Chemistry Practical-II (1.5 Credit, 46.8L) 50 Marks	

Preamble:

The syllabus of Chemistry for First year has been redesigned for Choice based Credit System (CBCS) to be implemented form 2019-2020.

In CBCS pattern semester system has been adopted for FY, SY and TY which includes Discipline Specific Core Course (DSCC) at F Y level, Ability Enhancement Compulsory Course (AECC), Discipline Specific Elective Course (DSEC) and Skill Enhancement Course (SEC). DSCC courses has been introduced at FY level and AECC courses at SY level along with DSEC. At TY level DSEC and SEC courses has been introduced.

Syllabus for Specific Core Courses of Chemistry (2 Theory and 1 Practical) subject for F. Y. B. Sc. is to be implemented from the year 2019-20. Syllabus for S. Y. and T. Y. B. Sc. will be implemented from the year 2020-21 and 2021-22 respectively as per structure approved.

Learning Objectives:

1. To understand basic concept of physical, organic and Inorganic chemistry.
2. To impart practical skills and learn basics behind experiments.
3. To prepare background for advanced and applied studies in chemistry.

SEMESTER-I

CH- 101: Physical Chemistry (2 Credits, 36 Lectures of 50 min.)

1. Chemical Energetics

Review of thermodynamics and the Laws of Thermodynamics. Important principles and definitions of thermochemistry. Concept of standard state and standard enthalpies of formations, integral and differential enthalpies of solution and dilution. Calculation of bond energy, bond dissociation energy and resonance energy from thermochemical data. Variation of enthalpy of a reaction with temperature – Kirchhoff's equation. Statement of Third Law of thermodynamics and calculation of absolute entropies of substances, problems **[11]**

2. Chemical Equilibrium:

Introduction: Free Energy and equilibrium - Concept, Definition and significance
The reaction Gibbs Energy, Exergonic and endergonic reaction. The perfect gas equilibrium, the general case of equilibrium, the relation between equilibrium constants, Molecular interpretation of equilibrium constant. The response of equilibria to conditions- response to pressure , response to temperature, Van't Haff equation, Value of K at different temperature, Problems **[11]**

3. Ionic Equilibria

Strong, moderate and weak electrolytes, degree of ionization, factors affecting degree of ionization, ionization constant and ionic product of water. Ionization of weak acids and bases, pH scale, common ion effect. Salt hydrolysis-calculation of hydrolysis constant, degree of hydrolysis and pH for different salts. Buffer solutions. Solubility and solubility product of sparingly soluble salts– applications of solubility product principle. **[14]**

Learning Outcome

1. Chemical Energetics

1. Students will be able to apply thermodynamic principles to physical and chemical process
2. Calculations of enthalpy , Bond energy, Bond dissociation energy , resonance energy
3. Variation of enthalpy with temperature –Kirchoff's equation
4. Third law of thermodynamic and its applications

2. Chemical Equilibrium

Knowledge of Chemical equilibrium will make students to understand

1. Relation between Free energy and equilibrium and factors affecting on equilibrium constant.
2. Exergonic and endergonic reaction
3. Gas equilibrium, equilibrium constant and molecular interpretation of equilibrium constant
4. Van't Haff equation and its application

3. Ionic equilibria

Ionic equilibria chapter will lead students to understand

1. Concept to ionization process occurred in acids, bases and pH scale
2. Related concepts such as Common ion effect hydrolysis constant, ionic product, solubility product
3. Degree of hydrolysis and pH for different salts , buffer solutions

CH- 102: Organic Chemistry (2 Credits, 36 Lectures of 50 min.)

Fundamentals of Organic Chemistry

Physical Effects, Electronic Displacements: Inductive Effect, Electromeric Effect, Resonance and Hyperconjugation. Cleavage of Bonds: Homolysis and Heterolysis. Structure, shape and reactivity of organic molecules: Nucleophiles and electrophiles. Reactive Intermediates: Carbocations, Carbanions and free radicals. Strength of organic acids and bases: Comparative study with emphasis on factors affecting pK values. Aromaticity: Benzenoids and Hückel's rule. **[09]**

Stereochemistry

Introduction, classification, Interconversion of Wedge Formula, Newmann, Sawhorse and Fischer representations. Conformations with respect to ethane, butane and cyclohexane. Configuration: Geometrical - *cis – trans,* and E / Z Nomenclature (for upto two C=C systems). Optical isomerism Enantiomerism, Diastereomerism and Meso compounds). Concept of chirality (upto two carbon atoms). Threo and erythro; D and L; nomenclature; CIP Rules: R/ S (for upto 2 chiral carbon atoms) **[14]**

Aliphatic Hydrocarbons

Functional group approach for the following reactions (preparations & reactions) to be studied in context to their structure.

Alkanes: (Up to 5 Carbons) *Preparation:* Catalytic hydrogenation, Wurtz reaction, Kolbe's synthesis, from Grignard reagent. *Reactions:* Free radical Substitution: Halogenation.

Alkenes: (Up to 5 Carbons) *Preparation:* Elimination reactions: Dehydration of alkenes and dehydrohalogenation of alkyl halides (Saytzeff's rule); cis alkenes (Partial catalytic hydrogenation) and trans alkenes (Birch reduction). *Reactions:* cis-addition (alk. $KMnO_4$) and trans-addition (bromine), Addition of HX (Markownikoff's and anti-Markownikoff's addition), Hydration, Ozonolysis, oxymecuration-demercuration, Hydroboration-oxidation.

Alkynes: (Up to 5 Carbons) *Preparation:* Acetylene from CaC_2 and conversion into higher alkynes; by dehalogenation of tetra halides and dehydrohalogenation of vicinal-dihalide *Reactions:* formation of metal acetylides, addition of bromine and alkaline $KMnO_4$, ozonolysis and oxidation with hot alk. $KMnO_4$. **[13]**

Learning Outcome

1. The students are expected to understand the fundamentals, principles, and recent developments in the subject area.
2. It is expected to inspire and boost interest of the students towards chemistry as themain subject.
3. To familiarize with current and recent developments in Chemistry.
4. To create foundation for research and development in Chemistry.

Reference Books

1. Graham Solomon, T.W., Fryhle, C.B. & Dnyder, S.A. *Organic Chemistry,* John Wiley & Sons (2014).
2. McMurry, J.E. *Fundamentals of Organic Chemistry*, 7th Ed. Cengage Learning India Edition, 2013.
3. Sykes, P. *A Guidebook to Mechanism in Organic Chemistry,* Orient Longman, New Delhi (1988).
4. Eliel, E.L. *Stereochemistry of Carbon Compounds*, Tata McGraw Hill education, 2000.
5. Finar, I.L. *Organic Chemistry* (Vol. I & II), E.L.B.S.
6. Morrison, R.T. & Boyd, R.N. *Organic Chemistry*, Pearson, 2010.
7. Bahl, A. & Bahl, B.S. *Advanced Organic Chemistry,* S. Chand, 2010.
8. Samuel Glasstone, *Thermodynamics for Chemists*, Affiliated East West Private Limited.
9. B S Bahl, G D Tuli, Arun Bahl, Essentials of Physical Chemistry
10. Peter Atkins and Julio de Paula, Elements of Physical Chemistry, Sixth edition (2013), Oxford press
11. Ball D. W., Physical Chemistry, Thomson Press , India (2007)
12. Castellan, G.W. Physical Chemistry 4th Ed. Narosa (2004).
13. Atkins' Physical Chemistry –Thermodynamics and Kinetics, 11th Edition, Oxford Press
14. Thomas Engel, Philip Reid; *Physical Chemistry*, Pearson Education (2006)
15. J. N. Gurtu, A. Gurtu; *Advanced Physical Chemistry,* Pragati Edition
16. Mortimer R. G., Physical Chemistry, 3rd Edition, Elsevier, Noida (UP)
17. Samuel H. Maron and Carl F. Prutton, *Principal of physical Chemistry*, 4th Edition, Collier Macmillan Ltd.

CH- 103: Chemistry Practical Course I

(1.5 Credits, 46.8 Lectures of 50 min.)

Section A: Chemical and Lab Safety (Compulsory)

1. Toxicity of the compounds used in chemistry laboratory.
2. Safety symbol on labels of pack of chemicals and its meaning
3. What is MSDS sheets? Find out MSDS sheets of at least hazardous chemicals ($K_2Cr_2O_7$, Benzene, cadmium nitrate, sodium metal, etc.)
4. Precautions in handling of hazardous substances like Conc. acids, ammonia, organic solvents, etc.

Section B: Physical Chemistry

a. Thermochemistry (Any three)

1. Determination of heat capacity of calorimeter for different volumes.
2. Determination of enthalpy of neutralization of hydrochloric acid with sodium hydroxide.
3. Determination of enthalpy of ionization of acetic acid.
4. Determination of integral enthalpy of solution of salts (KNO_3, NH_4Cl).
5. Determination of enthalpy of hydration of copper sulphate.
6. Study of the solubility of benzoic acid in water and determination of ΔH.

b. Ionic equilibria (Two experiments)

1. Measurement of pH of different solutions like aerated drinks, fruit juices, shampoos and soaps (use dilute solutions of soaps and shampoos to prevent damage to the glass electrode) using pH-meter.

OR

1. Measurement of the pH of buffer solutions and comparison of the values with theoretical values.
2. Preparation of buffer solutions **(Any One)**
   (i) Sodium acetate-acetic acid and determine its buffer capacity
   (ii) Ammonium chloride-ammonium hydroxide and determine its buffer capacity

Section C: Organic Chemistry (Five experiments)

1. To determine type and detection of extra elements (N, S, Cl, Br, I) in organic compounds (containing up to two extra elements) **(Three)**
2. Separation of constituents of mixtures by Chromatography: Measure the R_f value in each case (**Two)**
   (a) Identify and separate the components of a given mixture of 2 amino acids (glycine, aspartic acid, glutamic acid, tyrosine or any other amino acids) / pigments from plant extract/ 2 organic compounds by paper chromatography
   (b) Identify and separate the sugars present in the given mixture by paper chromatography.

Note: Combination of two compounds/plant extract to be given

Reference Books:

1. Svehla, G. *Vogel's Qualitative Inorganic Analysis*, Pearson Education, 2012.
2. Mendham, J. *Vogel's Quantitative Chemical Analysis*, Pearson, 2009.
3. Vogel, A.I., Tatchell, A.R., Furnis, B.S., Hannaford, A.J. & Smith, P.W.G., *Text book of Practical Organic Chemistry*, Prentice-Hall, 5th edition, 1996.
4. Mann, F.G. & Saunders, B.C. *Practical Organic Chemistry* Orient-Longman, 1960.
5. Khosla, B. D.; Garg, V. C. & Gulati, A. Senior Practical Physical Chemistry, R.Chand & Co.: New Delhi (2011).
6. Prof. Robert H. Hill Jr., David C. Finster Laboratory Safety for Chemistry Students, 2nd Edition Wiley ISBN: 978-1-119-02766-9 May 2016
7. Prudent Practices in the Laboratory: Handling and Management of Chemical Hazards, Updated Version, ISBN 978-0-309-13864-2 | DOI 10.17226/12654, THE NATIONAL ACADEMIES PRESS Washington, D.C.

Learning Outcome

1. Importance of chemical safety and Lab safety while performing experiments in laboratory
2. Determination of thermochemical parameters and related concepts
3. Techniques of pH measurements
4. Preparation of buffer solutions
5. Elemental analysis of organic compounds (non instrumental)
6. Chromatographic Techniques for separation of constituents of mixtures

SEMESTER-II

CH-201: Inorganic Chemistry (2 Credits, 36 Lectures of 50 min.)

1. Atomic Structure

Origin of Quantum Mechanics: Why study quantum mechanics? Quantum mechanics arose out of interplay of experiments and Theory Energy quantization- i) Black body radiation ii) The photoelectric effect iii) Wave particle duality-a) The particle character of electromagnetic radiation b) the wave character of particle, iv) diffraction by double slit v) atomic spectra, Review of-Bohr's theory and its limitations, Heisenberg Uncertainty principle.

Quantum mechanics: Time independent Schrodinger equation and meaning of various terms in it, Significance of ψ and ψ^2, Schrödinger equation for hydrogen atom. Radial and angular parts of the hydogenic wavefunctions (atomic orbitals) and their variations for1*s*, 2*s*, 2*p*, 3*s*, 3*p* and 3*d* orbitals (Only graphical representation). Radial and angular nodes and their significance. Radial distribution functions and the concept of the most probable distance with special reference to 1*s* and 2*s* atomic orbitals. Significance of quantum numbers, orbital angular momentum and quantum numbers *ml* and *ms*. Shapes of *s*, *p* and *d* atomic orbitals, nodal planes. Discovery of spin, spin quantum number (*s*) and magnetic spin quantum number (*ms*). **[14]**

2. Periodic table and Periodicity of Elements

Periodic table: periodic table after 150 years, review on the eve of international year of periodic table[IYPT].

Periodicity of elements: Rules for filling electrons in various orbitals, Electronic configurations of the atoms. Stability of half-filled and completely filled orbitals, concept of exchange energy. Relative energies of atomic orbitals, Anomalous electronic configurations

Long form of periodic table-s, p, d and f block elements,

Detailed discussion of following properties of elements with reference to s and p block

a) Effective nuclear charge, shielding or screening effect
b) Atomic and ionic radii
c) Crystal radii
d) Covalent radii
e) Ionization energies
f) Electronegativity, Pauling's / electronegativity scale
g) Oxidation states of elements

[10]

3. Chemical Bonding

Attainment of stable electronic configurations, Types of Chemical bonds: Ionic, covalent, coordinate and metallic bonds

Ionic Bond: General characteristics of ionic bonding, Types of ions, Energy considerations in ionic bonding, lattice energy and solvation energy and their importance in the context of stability and solubility of ionic compounds. Statement of Born-Landé equation for calculation of lattice energy,

Born-Haber cycle and its applications, polarizing power and polarizability. Fajan's rules, ionic character in covalent compounds, bond moment, dipole moment and percentage ionic character.

Covalent bond: Valence Bond Approach, Hybridization with suitable examples of linear, trigonal planar, square planar, tetrahedral, trigonal bipyramidal and octahedral arrangements. VSEPR theory, Assumptions, need of theory, application of theory to explain geometries of molecules such as i) ClF_3 ii) Cl_2O iii) BrF_5 iv) XeO_3 v) $XeOF_4$ **[12]**

Learning Outcome

1. Atomic Structure

1. Various theories and principles applied to revel atomic structure
2. Origin of quantum mechanics and its need to understand structure of hydrogen atom
3. Schrodinger equation for hydrogen atom
4. Radial and angular part of hydrogenic wave functions
5. Significance of quantum numbers
6. Shapes of orbitals

2. Periodicity of Elements

1. Explain rules for filling electrons in various orbitals- Aufbau's principle, Pauli exclusion principle, Hund's rule of maximum multiplicity
2. Discuss electronic configuration of an atom and anomalous electronic configurations.
3. Describe stability of half-filled and completely filled orbitals.
4. Discuss concept of exchange energy and relative energies of atomic orbitals
5. Design Skeleton of long form of periodic table.
6. Describe Block, group, modern periodic law and periodicity.
7. Classification of elements as main group, transition and inner transition elements
8. Write name, symbol, electronic configuration, trends and properties.
9. Explain periodicity in the following properties in details:
    a. Effective nuclear charge, shielding or screening effect; some numerical problems.
    b. Atomic and ionic size.
    c. Crystal and covalent radii
    d. Ionization energies
    e. Electronegativity- definition, trend, Pauling electronegativity scale.
    f. Oxidation state of elements

3. Chemical Bonding

1. Attainment of stable electronic configurations.
2. Define various types of chemical bonds- Ionic, covalent, coordinate and metallic bond
3. Explain characteristics of ionic bond, types of ions, energy consideration in ionic bonding, lattice and solvation energy and their importance in the context of stability and solubility of ionic compounds
4. Summarize Born-Lande equation and Born-Haber cycle,
5. Define Fajan's rule, bond moment, dipole moment and percent ionic character.

6. Describe VB approach, Hybridization with example of linear, trigonal, square planer, tetrahedral, TBP, and octahedral.
7. Discuss assumption and need of VSEPR theory.
8. Interpret concept of different types of valence shell electron pairs and their contribution in bonding.
9. Application of non-bonded lone pairs in shape of molecule
10. Basic understanding of geometry and effect of lone pairs with examples such as ClF_3, Cl_2O, BrF_5, XeO_3 and $XeOF_4$.

CH- 202: Analytical Chemistry (2 Credits, 36 Lectures of 50 min.)

1. **Introduction to Analytical Chemistry**
   What is analytical Chemistry, the analytical perspectives, Common analytical problems. **[03]**

2. **Calculations used in Analytical Chemistry**
   Some important units of measurements-SI units, distinction between mass and weight, mole, millimole and Calculations, significant figures
   Solution and their concentrations- Molar concentrations, Molar analytical Concentrations, Molar equilibrium concentration, percent Concentration, part per million, part per billion, part per thousand, Solution –dilatant volume ration, functions , density and specific gravity of solutions, problems
   Chemical Stoichiometry – Empirical and Molecular Formulas, Stoichiometric Calculations, Problems. **[10]**

3. **Qualitative Analysis of Organic Compounds**
   Types of organic compounds, characteristic tests and classifications, reactions of different functional groups, analysis of binary mixtures.
   Analysis – Detection of nitrogen, sulfur, halogen and phosphorous by Lassiagen's test.
   Purification of organic compounds- Introduction, recrystallization, distillation, sublimation **[05]**

4. **Chromatographic Techniques –Paper and Thin Layer Chromatography**
   Introduction- Introduction to chromatography, IUPAC definition of chromatography.
   History of Chromatography- paper chromatography, Thin Layer Chromatography, Ion exchange Chromatography, Gas permeation Chromatography, affinity chromatography, Gas chromatography, Supercritical fluid chromatography, High Performance Liquid Chromatography, Capillary electrophoresis, Classification of chromatographic methods – according to separation methods, according to development procedures.
   Thin Layer Chromatography: Theory and principles, outline of the method, surface adsorption and spot shape, Comparison of TLC with other forms of chromatography, adsorbents, preparation of plates, application of samples, development.
   Paper Chromatography- Origin, overview of technique, sample preparation, types of paper, solvents, equilibrium, development, sample application and detection, Identification, Quantitative methods, applications of paper chromatography **[14]**

5. pH meter

Introduction, pH meter, Glass pH electrode, combination of pH electrode-Complete Cell, Standard Buffer –reference for pH measurement, Accuracy of pH measurement, Using pH meter –How does it works? Applications of pH meter. **[04]**

Learning Outcomes

1**. Introduction to Analytical Chemistry**

i. Analytical Chemistry –branch of chemistry
ii. Perspectives of analytical Chemistry
iii. analytical problems

2. Calculations used in Analytical Chemistry

i. Calculations of mole, molar concentrations and various units of concentrations which will be helpful for preparation of solution
ii. Relation between molecular formula and empirical formula
iii. Stoichiometric calculation
iv. Define term mole, millimole, molar concentration, molar equilibrium concentration and Percent Concentration.
v. SI units, distinction between mass and weight
vi. Units such as parts per million, parts per billion, parts per thousand, solution-dilatant volume ratio, function density and specific gravity of solutions.

3 Qualitative Analysis of Organic Compounds

Basics of type determination, characteristic tests and classifications, reactions of different functional groups.

i. Separation of binary mixtures and analysis
ii. Elemental analysis -Detection of nitrogen, sulfur, halogen and phosphorous by Lassiagen's test.
iii. Purification techniques for organic compounds.

4. Chromatographic Techniques – Paper and Thin layer Chromatography

i. Basics of chromatography and types of chromatography
ii.Theoretical background for Paper and Thin Layer Chromatography

5. pH metry

i. pH meter and electrodes for pH measurement
ii. Measurement of pH
iii. Working of pH meter
iv. Applications of pH meter

Reference Books:

1. Lee, J.D. *Concise Inorganic Chemistry* ELBS, 1991.
2. Cotton, F.A., Wilkinson, G. & Gaus, P.L. *Basic Inorganic Chemistry*, 3rd ed., Wiley.
3. Douglas, B.E., McDaniel, D.H. & Alexander, J.J. *Concepts and Models in Inorganic Chemistry*, John Wiley & Sons.
4. Huheey, J.E., Keiter, E.A., Keiter, R.L. & Medhi, O.K. *Inorganic Chemistry: Principles of Structure and Reactivity*, Pearson Education India, 2006.

5. Graham Solomon, T.W., Fryhle, C.B. & Dnyder, S.A. *Organic Chemistry,* John Wiley & Sons (2014).
6. McMurry, J.E. *Fundamentals of Organic Chemistry*, 7th Ed. Cengage Learning India Edition, 2013.
7. Sykes, P. *A Guidebook to Mechanism in Organic Chemistry,* Orient Longman, New Delhi (1988).
8. Finar, I.L. *Organic Chemistry* (Vol. I & II), E.L.B.S.
9. Morrison, R.T. & Boyd, R.N. *Organic Chemistry*, Pearson, 2010.
10. Bahl, A. & Bahl, B.S. *Advanced Organic Chemistry,* S. Chand, 2010.
11. A Braithwait and F. J. Smith, *Chromatographic method*, 5th edition, Kluwer Academic publishers
12. G D Christian -Analytical Chemistry
13. Qualitative Organic Analysis 4th Edn by A I Vogel (ELBS)
14. Vogel's Quantitative Analysis
15. Douglas A Skoog, Donald M West, F James Holler ,Stainly R Crounch , *Fundamentals of Analytical Chemistry*, 9th edition
16. David Harvey, *Modern Analytical Chemistry*, McGraw Hill Higher education
17. Gurudeep R Chatwal, Sham K Anand, *Instrumental Methods of Chemical Analysis*, Himalaya Publishing House.
18. Barrow, G.M. *Physical Chemistry* Tata McGraw-Hill (2007).
19. Kotz, J.C., Treichel, P.M. & Townsend, J.R. *General Chemistry* Cengage Learning India Pvt. Ltd., New Delhi (2009).
20. Mahan, B.H. *University Chemistry* 3rd Ed. Narosa (1998).
21. Petrucci, R.H. *General Chemistry* 5th Ed. Macmillan Publishing Co.: New York (1985).
22. *Atkins' Physical Chemistry,* 10th edition (2014), Oxford University Press
23. Thomas Engel, Philip Reid; *Physical Chemistry* , Pearson Education (2006)
24. J. N. Gurtu, A. Gurtu, *Advanced Physical Chemistry,* Pragati Edition
25. McQuarrie, D. A., & Simon, J. D., *Physical Chemistry: A molecular approach*. Sausalito, CA: University Science Books (1997)
26. Atkins, P., & de Paula, J., *Physical Chemistry for the Life Sciences*. New York: W. H. Freeman and Company (2006)
27. McMahon, D. (2005). *Quantum Mechanics Demystified*. NewYork: McGraw-Hill Professional
28. Ladd, M. *Introduction to Physical Chemistry* (3rd ed). Cambridge, UK: Cambridge University Press (1998)

CH- 203: Chemistry Practical –II (1.5 Credits, 46.8 Lectures of 50 min.)

Section A: Inorganic Chemistry

Wherever required standardization of volumetric reagent must be performed.

I] Synthesis of commercially important inorganic compounds (any two)

1) Synthesis of potash alum from aluminium metal (scrap Aluminium metal)
2) Synthesis of Mohr's Salt $[(FeSO_4)\ (NH_4)_2SO_4]\bullet 6H_2O$
3) Preparation of Dark red inorganic pigment: Cu_2O
4) Synthesis of $FeSO_4\bullet 7H_2O$

Note:

i. In synthesized compound student must confirm the particular cation and anion by performing qualitative tests.
ii. Costing of product for 100 g pack can be calculated on the basis of cost of raw materials used and percent yield of the product.
iii. Synthesized compounds should be collected from all students and stored properly. They should be used in other experiments such as Mohr's salt for determination of water of crystallization. Potash alum and $FeSO_4$ can be given in IQA experiments or for estimations at SY and TY level.

II] Volumetric Analysis (Any Two)

1. Estimation of sodium carbonate and sodium hydrogen carbonate present in a mixture.
2. Determination of basicity of boric acid or oxalic acid or citric acid hence determination of their equivalent weight.
3. Estimation of water of crystallization in Mohr's salt by titrating with $KMnO_4$.

III] Analysis of Commercial products containing inorganic substances (any two)

1) Estimation of Ca from calcium supplementary tablet by complexometric titration.
2) Estimation of acid neutralizing capacity of antacids like Gelusil tablet/ Gellusil syrup etc.
3) Estimation of selectively Cu(II) from brass alloy by iodometrically (Use KIO_3 as primary standard for standardization of $Na_2S_2O_3$ and **not** $K_2Cr_2O_7$).

IV] To draw polar plots of s and p orbitals.

Section B: Organic Chemistry

I] Organic Purification Techniques

1. Purification of organic compounds by i) crystallization (from water and alcohol) ii) distillation (Two Compounds), iii) Sublimation (micro technique).

II] Organic preparations: Derivatives

2. Preparations: Mechanism of various reactions involved to be discussed. Recrystallization, determination of melting point and calculation of quantitative yields to be done. (Any Two)

a) Bromination of Cinnamic acid using sodium bromide and Sodium bromate. (Green Chemistry Approach)

OR

a) Bromination of acetanilide using KBr and Cerric ammonium nitrate in aqueous medium. (Green Chemistry Approach)
3) Semicarbazone derivatives of aldehydes and ketones
4) Oxime and 2,4-dinitrophenylhydrazone of aldehyde/ketone
Note: Presence of extra element in the synthesized compound must be tested (Br and N in respective compound)
N. B.:

1. **Use molar concentrations for volumetric /estimations/synthesis experiments.**
2. **Use optimum concentrations and volumes**
3. **Two burette method should be used for volumetric analysis (Homogeneous mixtures)**
4. **Use of microscale technique is recommended wherever possible**

Reference Books:

1. Svehla, G. *Vogel's Qualitative Inorganic Analysis*, Pearson Education, 2012.
2. Mendham, J. *Vogel's Quantitative Chemical Analysis*, Pearson, 2009.
3. Vogel, A.I., Tatchell, A.R., Furnis, B.S., Hannaford, A.J. & Smith, P.W.G., *Textbook of Practical Organic Chemistry*, Prentice-Hall, 5th edition, 1996.
4. Mann, F.G. & Saunders, B.C. *Practical Organic Chemistry* Orient-Longman, 1960.
5. Khosla, B. D.; Garg, V. C. & Gulati, A. Senior Practical Physical Chemistry, R. Chand & Co.: New Delhi (2011).

Learning Outcome

1. Inorganic Estimations using volumetric analysis
2. Synthesis of Inorganic compounds
3. Analysis of commercial products
4. Purification of organic compounds
5. Preparations and mechanism of reactions involved

Course Outcome

CH- 101: Physical Chemistry

After completing the course work learner will be acquired with knowledge of chemical energetics, Chemical equilibrium and ionic equilibria.

CH- 102: Organic Chemistry

Students will learn Fundamentals of organic chemistry, stereochemistry (Conformations, configurations and nomenclatures) and functional group approach for aliphatic hydrocarbons.

CH- 201: Inorganic Chemistry

Students will learn quantum mechanical approach to atomic structure, Periodicity of elements, various theories for chemical bonding.

CH-202: Analytical Chemistry

Students will know about basics of analytical chemistry, some techniques of analysis and able to do calculations essential for analysis.

Lab Course CH 103 and CH-203

1. The practical course is in relevance to the theory courses to improve the Understanding of the concepts.
2. It would help in development of practical skills of the students.
3. Use of microscale techniques wherever required

Savitribai Phule Pune University [SPPU]

B.Sc. (Chemistry)

(Three Years Integrated Degree Program)

Choice Based Credit System [CBCS]

2019 Pattern

Third Year Bachelors of Science

(T. Y. B. Sc.CHEMISTRY)

From
Academic Year 2021-22

Board of Studies in Chemistry

Savitribai Phule Pune University [SPPU]
Pune-411007

Structure of T. Y. B. Sc. Chemistry

(According to CBCS – 2019 Pattern of SPPU)

Semester	DSEC/SEC	Nature	Paper Code	Code and Title	Credits/Lectures
V	DSEC-I	Theory	CH-501	Physical Chemistry-I	Credit-2, 36 L
		Theory	CH-502	Analytical Chemistry-I	Credit-2, 36 L
		Practical	CH-503	Physical Chemistry Practical-I	Credit-2, 73 L
	DSEC-II	Theory	CH-504	Inorganic Chemistry-I	Credit-2, 36 L
		Theory	CH-505	Industrial Chemistry	Credit-2, 36 L
		Practical	CH-506	Inorganic Chemistry Practical-I	Credit-2, 73 L
	DSEC-III	Theory	CH-507	Organic Chemistry-I	Credit-2, 36 L
		Theory	CH-508	Chemistry of Biomolecules	Credit-2, 36 L
		Practical	CH-509	Organic Chemistry Practical-I	Credit-2, 73 L
	SEC- I	Theory	CH-510	**(A)** Introduction of Medicinal Chemistry **OR** **(B)** Polymer Chemistry	Credit-2, 36 L
	SEC- II	Theory	CH-511	**(A)** Environmental Chemistry **OR** **(B)** Chemo informatics	Credit-2, 36 L
VI	DSEC-IV	Theory	CH-601	Physical Chemistry-II	Credit-2, 36 L
		Theory	CH-602	Physical Chemistry -III	Credit-2, 36 L
		Practical	CH-603	Physical Chemistry Practical-II	Credit-2, 73 L
	DSEC-V	Theory	CH-604	Inorganic Chemistry-II	Credit-2, 36 L
		Theory	CH-605	Inorganic Chemistry-III	Credit-2, 36 L
		Practical	CH-606	Inorganic Chemistry Practical-II	Credit-2, 73 L
	DSEC-VI	Theory	CH-607	Organic Chemistry-II	Credit-2, 36 L
		Theory	CH-608	Organic Chemistry-III	Credit-2, 36 L
		Practical	CH-609	Organic Chemistry Practical-II	Credit-2, 73 L
	SEC III	Theory	CH-610	**(A)** Chemistry of Soil and Agrochemicals **OR** **(B)** Introduction of Forensic Chemistry	Credit-2, 36 L
	SEC IV	Theory	CH-611	**(A)** Analytical Chemistry-II **OR** **(B)** Chemistry of Cosmetics and Perfumes	Credit-2, 36 L

Important points:

i. Each credit is equivalent to 18 lectures of 50 minutes for theory courses and 36 lecture of 50 minutes for practical courses.
ii. There will be12 practical sessions per semester of 4 hours 20 minutes each.
iii. Total weeks for teaching and internal evaluation are15. Out of the 15 weeks, 12 weeks for teaching and 03 weeks for internal evaluation. (Theory as well as Practical).
iv. For more details refer to UG rules and regulations (CBCS for Science program under Science & Technology) on SPPU website.

Evaluation Pattern (As per CBCS rules, SPPU, 2019 Pattern)

1. Each theory and practical course carry 50 marks equivalent to 2 credits.
2. Each course will be evaluated with Continuous Internal Assessment (CIA) and University Assessment (UEX) mechanism.
3. Continuous internal assessment shall be of 15 marks (30%) while university Evaluation shall be of 35 marks (70%).
4. To pass each course, a student has to secure 40% mark in continuous assessment as well as university assessment i.e. minimum 6 marks in continuous assessment and 14 in university assessment in the respective course.
5. For Continuous internal assessment minimum two tests per paper must be organized, of which one must be written test of 10 marks.
6. Method of assessment for internal exams: written test, MCQ type test, Viva-Voce, Project, survey, field visits, tutorials, assignments, group discussion, etc. (on approval of the head of centre).
7. Theory - University Assessment Question Paper Pattern (According to CBCS - 2019 Pattern of SPPU) Note that in theory question paper weightage will be given to each topics equivalent to number of lectures assigned in the syllabus.

Preamble:

The syllabus of Chemistry for third year has been redesigned for **Choice Based Credit System** (**CBCS**: 2019 pattern) and to be implemented form academic year 2021-22. In CBCS pattern semester system has been adopted for B. Sc. degree programme. Different types of courses are introduced at degree level viz. **Discipline Specific Core Course (DSCC)**, **Ability Enhancement Compulsory Course (AECC)**, **Discipline Specific Elective Course (DSEC)** and **Skill Enhancement Course (SEC)**. DSCC courses has been introduced at FY/SY level and AECC courses at SY level. At TY level DSEC and SEC courses are to be introduced. Third year syllabus comprises of six theory and three practical courses of DSEC type and two theory SEC per semester.

Equivalence with Previous Syllabus (2013 Pattern)

2013 Pattern	2019 Pattern
Sem-III (T.Y.B.Sc.)	**Sem-V (T.Y.B.Sc.)**
Core courses	**Discipline Specific Elective Courses (DSEC)**
CH-331: Physical Chemistry	CH: 501: Physical Chemistry-I
CH-332: Inorganic Chemistry	CH: 504: Inorganic Chemistry-I
CH-333: Organic Chemistry	CH: 507: Organic Chemistry-I
CH-334: Analytical Chemistry	CH: 502: Analytical Chemistry-I
CH-335: Industrial Chemistry	CH: 505: Industrial Chemistry
CH-336: Optional course (Any one) A- Nuclear Chemistry, B- Polymer Chemistry C- Intro. To Biochemistry ,D- Env. And Green Chemistry, E- Agriculture Chemistry	CH:508: Chemistry of Biomolecules
----	**Skill Enhancement Courses (SEC)** CH:510 (A): Introduction of Medicinal Chemistry **OR** CH:510 (B): Polymer Chemistry
----	CH:511(A): Environmental Chemistry **OR** CH:511(B): Cheminformatics
Sem-IV (T.Y.B.Sc.)	**Sem-VI (T.Y.B.Sc.)**
Core courses	**Discipline Specific Elective Courses (DSEC)**
CH-341: Physical Chemistry	CH: 601: Physical Chemistry-II
CH-342: Inorganic Chemistry	CH: 604: Inorganic Chemistry-II
CH-343: Organic Chemistry	CH: 607: Organic Chemistry-II
CH-344: Analytical Chemistry	CH-602: Physical Chemistry -III
CH-345: Industrial Chemistry	CH: 605: Inorganic Chemistry-III
CH-346: Optional course (Any one) A- Nuclear Chemistry, B- Polymer Chemistry C- Intro. To Biochemistry, D- Env. And Green Chemistry, E- Dairy Chemistry	CH: 608: Organic Chemistry-III
	Skill Enhancement Courses (SEC) CH-610 (A): Chemistry of Soils and Agrochemicals **OR** CH-610 (B): Introduction of Forensic Chemistry
	CH-611 (A): Analytical Chemistry-II **OR** CH-611 (B): Chemistry of Cosmetics and Perfumes
CH-347: Physical Chemistry Practical	CH 503 and 603: Physical Chemistry Practical-I and II
CH-348: Inorganic Chemistry Practical	CH 506 and 606: Inorganic Chemistry Practical I and II
CH-349: Organic Chemistry Practical	CH 509 and 609: Organic Chemistry Practical-I and II

The Detailed Semester and Course Wise Syllabus as follows:

SEMESTER-V

DSEC-I: CH-501: Physical Chemistry- I [Credit -2, 36 L]

Chapter No.	Title of Topic/Chapter	No. of lecture
1	Quantum Chemistry	10
2	Investigation of Molecular structure	16
3	Photochemistry	10
	Total	**36**

1. Quantum Chemistry [10 L]

Introduction, de Broglie hypothesis, The Heisenberg's uncertainty principle, quantisation of energy, Operators, Schrodinger wave equation, well behaved function, Particle in a one-, two and three-dimensional box (no derivation), Physical interpretation of the ψ and ψ2, sketching of wave function and probability densities for 1D box, degeneracy, applications to conjugated systems, zero-point energy and quantum tunnelling, Numerical

Expected learning Outcome:

After successfully completion, students will be able to:

1. Know historical of development of quantum mechanics in chemistry.
2. Understand and explain the differences between classical and quantum mechanics.
3. Understand the idea of wave function
4. Understanding of De Broglie hypothesis and the uncertainty principle
5. Understanding the operators: Position, momentum and energy
6. Solving Schrodinger equation for 1D, 2D and 3D model
7. Physical interpretation of the ψ and ψ2 and sketching the wave function
8. Applications to conjugated systems, zero-point energy and quantum tunnelling, Numerical Problems

Reference books:

1) Principles of Physical Chemistry by Puri, Sharma, Pathania,; (Page No: 21-110)
2) Essential of Physical Chemistry, Bahl and Tuli (S. Chand).; (Page No: 50-58)

2. Investigation of Molecular structure [16 L]

Introduction: Molar refraction and molecular structure, Dipole moment and molecular structure, electromagnetic spectrum, energy of molecules, Types of molecular spectra.

Microwave Spectroscopy: Introduction, Classification of molecules on the basis of moment of Inertia, Rotational spectra of rigid diatomic molecules, relative intensities of spectral lines, effect of isotopic substitution on the rotational spectra, Determination of bond length and moment of inertia from rotational spectra, Problems

Infrared Spectroscopy: Introduction, Simple Harmonic oscillator, Modes of vibration, force constant, Vibrational spectrum of a diatomic molecule: Vibrational Energy expression, Allowed vibrational energies, zero-point energy, Selection rule, Vibrational energy level diagram with transitions, spectrum depiction, Vibration-rotation Spectra: Born-Oppenheimer approximation, Energy expression for vibrational rotor, Selection rules, Vibrational-rotational energy level diagram with transitions, Nature of vibrational spectra, P, Q and R branches of lines of the IR spectra, Problems

Raman Spectroscopy: Introduction, Classical and Quantum theory of Raman effect, Rayleigh, Stokes and anti-stokes lines, Pure rotational Raman spectra of linear diatomic molecules

Expected learning Outcome: After studying this chapter, the student will be able to:

1. Understand the term additive and constitutive properties.
2. Understand the term specific volume, molar volume and molar refraction.
3. Understand the meaning of electrical polarization of molecule, induced and orientation polarization.
4. Dipole moment and its experimental determination by temperature variation method.
5. Electromagnetic spectrum, Nature of wave and its characteristics such as wavelength, wave number, frequency and velocity, Energy level diagram,
6. Classification of molecules on the basis of moment of Inertia,
7. Rotational spectra of rigid diatomic molecules, selection rules, nature of spectral lines.
8. Simple Harmonic oscillator model, Born-Oppenheimer approximation. Vibrational spectra of diatomic molecules selection rules, nature of spectral lines.
9. Explain the difference between Rayleigh, Stokes and anti-Stokes lines in a Raman spectrum.
10. Justify the difference in intensity between Stokes and anti-Stokes lines.
11. Draw the Stokes and anti-Stokes lines in a Raman spectrum
12. Raman spectra: Concept of polarizability,
13. Pure rotational Raman spectra of diatomic molecules, Energy Expression, Selection rule, Rotational energy level diagram, Rotational Raman spectrum and Problems

Reference books:

1. Fundamentals of molecular spectroscopy by C.N. Banwell and E. M. McCash.

(Page No: 33-59, 60-75, 111-119)

2. Physical Chemistry, Singh, N.B., et al. Volume 2, New Age International Ltd, 2000.
(Page No: 413-455)

3. Photochemistry [10 L]

Introduction, Difference between thermal and photochemical processes, Laws of photochemistry: i) Grothus - Draper law ii) Stark-Einstein law, Quantum yield, Reasons for high and low quantum yield., Factors affecting Quantum yield, Experimental method for the determination of quantum yield, types of photochemical reactions - photosynthesis, photolysis, photocatalysis, photosensitization, Jablonski diagram depicting various processes occurring in the excited state: Qualitative description of fluorescence and phosphorescence, Chemiluminescence, Problems

Expected learning Outcome:

After studying this chapter, the student will be able to know and understand:

1. Difference between thermal and photochemical processes.
2. photochemical laws: Grothus - Draper law, Stark-Einstein law,
3. Quantum yield and reasons for high and low quantum yield,
4. factors affecting the quantum yield,
5. Experimental method for the determination of quantum yield
6. Photochemical reactions: photosynthesis, photolysis, photocatalysis, photosensitization
7. Various photochemical phenomena like fluorescence and phosphorescence, Chemiluminescence,
8. Problems

Reference books:

1. Essential of Physical Chemistry, Bahl and Tuli (S. Chand).; (Page No: 1154-1178)
2. Principles of Physical Chemistry by Puri, Sharma, Pathania,; (Page No: 1112-1135)
3. Physical Chemistry, Singh, N.B., et al. Volume 2, New Age International Ltd, 2000.
(Page No: 262-2810)

Additional Reference Books:

1. Physical Chemistry by G. M. Barrow, International student Edition,Mc Graw Hill.
2. University General Chemistry by C.N.R. Rao, Macmillan.
3. Physical Chemistry by, R. A. Alberty, Wiley Eastern Ltd.
4. The Elements of Physical Chemistry by P. W. Atkins, Oxford.
5. Principles of Physical Chemistry by S. H. Maron, C. H. Prutton, 4thE dition.
6. Quantum Chemistry by Donald A McQuarrie, Viva Student Edition

7. Quantum Chemistry by I. Levine.
8. Quantum Chemistry by R.K. Prasad

DSEC-I: CH-502: Analytical Chemistry- I [Credit -2, 36 L]

Chapter No.	Title of Topic/Chapter	No. of lecture
1	Gravimetry	09
2	Inorganic Qualitative Analysis	07
3	Thermal methods of analysis	06
4	Parameters of instrumental analysis	04
5	UV-Visible spectroscopy	10
	Total	**36**

1. Gravimetry (9 L)

Introduction to gravimetric analysis; Precipitation methods; The colloidal state; Supersaturation and precipitate formation; The purity of the precipitate: Co-precipitation; ; Conditions of precipitation; Precipitation from homogeneous solution; Washing the precipitate; Ignition of the precipitate: quantitative separations based upon precipitation methods: Fractional precipitation; Organic precipitants (8-hydroxyquinoline, DMG, Cupferron, Nitron, and Benzoin-alfa oxime, Anthanilic acid), Gravimetric Calculations—How Much Analyte is there (Ref-3)

Applications of Gravimetry: Determination of Al(III) by 8-hydroxyquoline, Determination of calcium as oxalate; Determination of potassium as potassium tetraphenylborate, Determination of phosphate as ammonium molybdophosphate, Numericals,

Key Reference-1: 417-428, 433-444, 446, 451, 464, 485; [Supplementary Ref-2: Pp-342 to 362]

2. Inorganic Qualitative Analysis (7 L)

Basic principle, common ion effect, solubility, solubility product, preparation of original solution, classification of basic radicals in groups, separation of basic radicals, removal of interfering anions (phosphate and borate), detection of acid radicals. Ref-6

3. Thermal methods of analysis (6 L)

General discussion, Thermogravimetry, Experimental factors affecting TG analysis, Instruments for thermogravimetry, Applications: Thermogravimetric analysis of CaC_2O_4 H_2O, $CuSO_4$ $5H_2O$, Differential Thermal Analysis: Introduction, instrumentation for DTA and DSC, experimental and instrumental factors, applications: DTA of copper sulphate pentahydrate, Purity of

pharmaceutical by DSC, Key Reference-2: 503-522, [Supplementary reference, Ref-4: 884-890, Ref-1: 428-433]

3. Parameters of instrumental analysis (4 L)

Techniques, Methods, Procedures, and Protocols, Selecting an Analytical Method, Accuracy, Precision, Sensitivity, Selectivity, Robustness and Ruggedness, Scale of Operation, equipment, Time, and Cost, Making the Final Choice, Developing the Procedure, Calibration and Standardization, Sampling, Validation, Protocols, Key Reference -5: 35-48

4. UV-Visible spectroscopy (10 L)

Introduction, Theory of spectrophotometry and colorimetry-Beer's law, Application of Beer's Law, Spectrophotometry: Wavelength selection by prism and diffraction grating, Radiation source, cells, data presentation, single-beam spectrophotometer, Double-beam spectrophotometers, Choice solvent, general procedure for colorimetric estimation, simultaneous analysis, Applications: Estimation of metal ions from aqueous solution: Boron in steel, Chromium in steel with diphenyl carbazide reagent, ammonia in water, Chloride, Primary amine, Determination of phenol, spectrophotometric titration (example Cu(II) with EDTA), Determination of pKa value of indicator, Determination of composition of metal complexes using Job's method of continuous variation and mole ratio method., Numericals Key Reference-2: 658-717 and Ref-1: 645-725

References:

Ref-1: Vogel's textbook of Inorganic Quantitative Analysis, Jeffery, Basset, Mendham Deney, 5th Ed, Longman Scientific Technical, USA (copublished with John Wiley Sons)

Ref-2: Vogel's textbook of Inorganic Quantitative Analysis, Mendham, Deney Barnes, 6th Ed, Pearson education

Ref-3: Analytical Chemistry by G. D. Christian, et al , Wiley, 6th Ed.

Ref-4: Principles of Instrumental Analysis: Holler, Skoog, Crouch 6th Ed. Thomson Publication

Ref-5: Modern Analytical Chemistry, David Harvey, Mc-Graw Hill Higher education

Ref-6: Vogel's Qualitative Inorganic Analysis, G. Svehla, Pearson, 7th Ed.

Course outcome: After completion of the course student should be able to

1. Define basic terms in gravimetry, spectrophotometry, qualitative analysis and parameters in instrumental analysis. Such as: Gravimetry, precipitation, solubility product, ionic product, common ion effect, precipitating agent, washing of ppt., drying and ignition of ppt., linearity range, detection limit, precision, accuracy, Sensitivity, Selectivity, Robustness and Ruggedness, electromagnetic radiations, spectrophotometry, Beers law, absorbance, transmittance, molar absorptivity, monochromator, wavelength of maximum absorbance,

metal ligand ration, qualitative analysis, group reagent, dry tests, wet test, confirmatory test, precipitation, thermogravimetry, thermogram, percent wt. loss, differential thermal analysis, etc.

2. Identify important parameters in analytical processes or estimations. Example: minimum analyte concentration in particular method, reagent concentration in particular analysis (gravimetry, spectrophotometry, thermogravimetry), reagent for particular analysis, reaction condition to convert analyte into measurable form, drying and ignition temperature for ppt in gravimetry, heating rate thermogravimetry, wavelength in spectrophotometry, group reagent, removal borate and phosphate in qualitative analysis, etc.
3. Explain different principles involved in the gravimetry, spectrophotometry, parameters in instrumental analysis, qualitative analysis.
4. Perform quantitative calculations depending upon equations student has studied in the theory. Furthermore, student should able to solve problems on the basis of theory.
5. Discuss / Describe procedure for different types analyses included in the syllabus.
6. Select particular method of analysis if analyte sample is given to him.
7. Differentiate / distinguish / Compare among the different analytical terms, process and analytical methods.
8. Demonstrate theoretical principles with help of practical.
9. Design analytical procedure for given sample.
10. Apply whatever theoretical principles he has studied in theory during practical session in laboratory.

DSEC-I: CH-503: Physical Chemistry Practical - I [Credit -2, 73 L]

Total 12 experiments to be completed.

1. Refractometry: (any two)

1) To determine the specific refractivity's of the given liquids A and B and their mixture and hence determine the percentage composition their mixture C.
2) To determine the molecular refractivity of the given liquids A, B, C and D.
3) To determine the molar refraction of homologues methyl, ethyl and propyl alcohol and show the constancy contribution to the molar refraction by -CH2 group.
4) Determine the refractive index of a series of salt solutions and determine the concentration of a salt of unknown solution

2. Spectrophotometry and Colorimetry (any three)

1) To titrate Cu^{2+} ions with EDTA photometrically.
2) To determine the indicator constant of methyl red indicator

3) To estimate of Fe^{3+} ions by thiocyanate method.
4) Cobalt by using R-nitroso salt method.
5) To determine the order of reaction for the oxidation of alcohol by potassium dichromate and potassium permanganate in acidic medium calorimetrically.
6) Simultaneous determination of Cu^{2+} and Ni^{2+} ions by colorimetry/spectrophotometry method

3. Conductometry (any four)

1) Titration of a mixture of weak acid and strong acid with strong alkali.
2) To determine the velocity constant of hydrolysis of ethyl acetate by NaOH solution by conduct metric method.
3) To determine the normality of citric acid in given fruit by titrating it against standard NaOH solution by conductometric method.
4) To determine $\lambda\infty$ of strong electrolyte (NaCl or KCl) and to verify Onsager equation.
5) To estimate the amount of lead present in given solution of lead nitrate by conductometric titration with sodium sulphate.
6) To determine the relative strength of monochloro acetic acid and acetic acid conductometrically

4. Viscosity: (any one)

1. To determine the molecular weight of a high polymer by using solutions of different concentrations.
2. Determine the radius of glycerol molecule from viscosity measurement.

5. Photoflurometry

1. Analysis of Riboflavin from vitamin supplementary capsules / syrup / tablet sample by Photoflurometry

6. Table work

1. Analysis of the given vibration-rotation spectrum of HCl(g)

DSEC-II: CH-504: Inorganic Chemistry - I [Credit -2, 36 L]

Chapter No.	Title of Topic/Chapter	No. of lecture
1	Molecular Orbital Theory of Coordination Compounds	08
2	Inorganic Reaction Mechanism	06
3	Chemistry of transition elements	06
4	Chemistry of f-block elements	08
5	Metals, Semiconductors and Superconductors	08
	Total	**36**

1. Molecular Orbital Theory of Coordination Compounds (8L)

Electro-neutrality principle, multiple bonding (dπ-pπ and dπ-dπ), Nephelauxetic effect and Nephelauxetic series (Recapulation from VBT and CFT), Need and introduction of MOT, Assumptions, MO treatment to octahedral complexes with sigma bonding, Formation of MO's from metal orbitals and Composite Ligand Orbitals (CLO), MO correlation diagram for octahedral complexes with sigma bonding, effect of π bonding on MO correlation diagram, Charge transfer spectra, Advantages of MOT over VBT and CFT.

Aims and objective/Learning Outcomes: A student should know:

i. Explain electroneutrality principle and different types of pi bonding.
ii. Able to explain Nephelauxetic effect towards covalent bonding.
iii. Explain MOT of Octahedral complexes with sigma bonding.
iv. Able to explain Charge Transfer Spectra.
v. Able to compare the different approaches to bonding in Coordination compounds.

References:

1. Concise Inorganic Chemistry by J.D. Lee - 4th Edition pp226-231
2. Physical Inorganic Chemistry A Coordination Chemistry Approach S. F. A. Kettle Springer-Verlag Berlin Heidelberg GmbH, 1996 pp 95-120
3. Theoretical Inorganic Chemistry by Day and Selvin (Relevant Pages)

2. Inorganic Reaction Mechanism (6L)

Basic concepts of stability and lability, stability constants, Factors affecting lability, chelate effect. Classification of inorganic reactions, ligand substitution reactions: Intimate and stoichiometric mechanism of ligand substitution. Substitution Reactions in Four Coordinated

square planar complexes: Trans effect and Trans effect series, applications of trans effect, stereochemistry of substitution.

[**Further reading:** Student should also read about the relation between kinetics and mechanism. Reaction mechanisms in complexes with C.N.4, 5 and 6]

Aims and objective: A student should know:

i. To understand about inert and labile complexes and stability of complexes in aqueous solutions
ii. Classification of reactions of coordination compounds
iii. The basic mechanisms of ligand substitution reactions.
iv. Substitution reactions of square planer complexes.
v. Tran's effect and applications of Trans effect
vi. Stereochemistry of mechanism
vii. Gain the knowledge of inorganic reaction mechanisms available in the literature to solve chemical problems.

References:

1. Inorganic Chemistry – Principles of Structure and Reactivity, J. E. Huheey, E. A. Keiter & R. L. Keiter, 4th Edn. Harper Collins College Publ. New York, Chapt.13, p.537-576, (1993).
2. Martin L. Tobe and John Burgess, Inorganic Reaction Mechanisms, Addison Wesley Longman Inc., 1999.
3. Inorganic Chemistry – D.F. Shriver, P.W. Atkins, C.H. Lamgford – Oxoford, 5th Edn., 1994, pp507-517.
4. Inorganic Chemistry - Messler and Tarr - Pearson Publishers pages 412-420, 434-440

3. Chemistry of Transition elements [6L]

Position in periodic table, electronic configuration, trends in properties w.r.t.(a) size of atoms and ions (b) reactivity (c) catalytic activity (d) oxidation state (e) complex formation ability (f) colour (g) magnetic properties (h) non-stoichiometry (i) density, melting & boiling points. [Ref.-1]

Aims and objective: A student should know:

1. To know position of d-block elements in periodic table.
2. To know the general electronic configuration & electronic configuration of elements.
3. To know trends in periodic properties of these elements w.r.t. size of atom and ions, reactivity, catalytic activity, oxidation state, complex formation ability, color, magnetic properties, non-stoichiometry, density, melting point, boiling point.

References:

1. Concise Inorganic Chemistry by J.D. Lee - 5th edition. Pages 859-863, 865-866,

4. Chemistry of f-block elements [8L]

Introduction of f-block elements- on the basis of electronic configurations, occurrence and reactivity, F-block elements as Lanthanide and Actinide series

I. Lanthanides:

Position in periodic table, Name and electronic configuration of lanthanides, Oxidation States, atomic and ionic radii, Lanthanide contraction, its causes and consequences on chemistry of Lanthanides and post lanthanide elements, Occurrence and separation: Bulk separation, Individual separation by modern methods *viz.,* Ion exchange and solvent extraction method, applications of lanthanides. [Reference-1]

II. Actinides:

Position in periodic table, names and their electronic configurations. IUPAC nomenclature system for super heavy elements, Oxidation States, Occurrence and general methods of preparation of transuranic elements *viz.,* Neutron Bombardment, Accelerated projectile bombardment and Heavy ion bombardment. Nuclear Fuels-Nuclear fission and fusion fuels, comparison between Lanthanides and Actinides. [Reference-1]

Aims and objective: A student should know:

1. The meaning of term f-block elements, Inner transition elements, lanthanides, actinides.
2. Electronic configuration of lanthanides and actinides.
3. Oxidation states of lanthanides and actinides and common oxidation states.
4. Separation lanthanides by modern methods.
5. Lanthanide contraction and effects of lanthanide contraction on post-lanthanides.
6. Use of lanthanide elements in different industries.
7. Transuranic elements.
8. Preparation methods of transuranic elements.
9. Nuclear fuels and their applications.
10. Why transuranic elements are called as the synthetic elements?
11. IUPAC nomenclature for super heavy elements with atomic no. 100 onwards.

References:

1. Concise Inorganic Chemistry by J.D. Lee - 5th Edn. 874 – 875, 879-886, 891-893, 898-900.

5. Metals, Semiconductors and Superconductors [8L]

Introduction, Metallic bonding, Band theory in metals with respect to Na along with n (E) and N(E) diagrams, Electrical conductivity of metals (Na, Mg, Al), Valence electrons and conductivity of metals, Effect of temperature and impurity on electrical conductivity of metals,

Semiconductors, types of Semiconductors: I. Intrinsic II. Extrinsic, effect of temperature and impurity on semiconductivity, n & p type semiconductors ZnO and NiO, Superconductivity: Discovery, property, models, structure and superconductivity, low and high temperature superconductors, applications of superconductors.

Aims and Objectives: A student should be able –

1. The meaning of metal & semiconductor.
2. The difference between metal, semiconductor and insulator.
3. Metallic bond on the basis of band theory.
4. The energy band and energy curve.
5. Draw n (E) & N (E) curves.
6. Explain the electrical conductivity of metals with respect to valence electrons.
7. Explain the effect of temperature and impurity on conductivity of metals and semiconductors.
8. Intrinsic and extrinsic semiconductor.
9. The term valance band and conduction band.
10. n and p type of semiconductors.
11. Non-stoichiometry and semi conductivity.
12. Insulators on the basis of band theory.
13. The difference between Na, Mg, and Al in terms of valence electrons and conductivity.
14. Meaning of super conductors and their structure. o. Discovery and applications of superconductors.

References:

1. Solid State Chemistry: An Introduction, Lesley E. Smart, Elaine A. Moore, 3rd Edn. Relevant pages from Chapter 10, pp394-411
2. Solid State Chemistry and its Applications, Anthony R. West, Second Edition, Wiley 2014, PP 359-391
3. Chemistry by Raymond Chang - 5th edition (Related Pages)
4. New Guide to Modern Valence Theory by G.I. Brown - 3rdedition Pages 209-221

DSEC-II: CH-505: Industrial Chemistry - I [Credit -2, 36 L]

Chapter No.	Title of Topic/Chapter	No. of lecture
1	Modern Approach to Chemical Industry	06
2	Manufacture of Basic Chemicals	07
3	Sugar and Fermentation Industry	07
4	Soap and Detergents Industry	08
5	Dyes and Pigments	08
	Total	**36**

1. Modern Approach to Chemical Industry (6 L)

Introduction, basic requirements of chemical industries, chemical production, unit process and unit operations, Quality control and quality assurance, process control, research and development, human resource, safety measures, classification of chemical reactions, batch and continuous process, Conversion, selectivity and yield, copy-right act, patent act, trademarks.

Ref. No.-7, Relent pages, Ref. - 10: www.wikipedia.org/wiki/copyright_act_of1976/patent act/ trademark

Aims and Learning objectives: The students are expected to learn;

i. Importance of chemical industry,

ii. Meaning of the terms involved,

iii. Comparison between batch and continuous process,

iv. Knowledge of various industrial aspects

2 Manufacture of Basic Chemicals (7 L)

a) Ammonia: Manufacture of ammonia by modified Haber-Bosch process, Physico-chemical principles involved and uses of ammonia.

b) Nitric acid: Manufacture of nitric acid by Ostwald's process, Physico-chemical principles involved and uses of nitric acid.

c) Sulphuric acid: Manufacture of sulphuric acid by contact process, Physico-chemical principles involved and uses of sulphuric acid.

Reference No.-1: Page No. 731 to 761, 809 to 844, Reference-3: 1128-1175, 1253-1263

Aims and Learning objectives: The students are expected to learn

i. Concept of basic chemicals,

ii. Their uses and manufacturing process.

iii. They should also know the physico-chemical principals involved in manufacturing process

3. Sugar and Fermentation Industry (7 L)

a. Sugar: Introduction, manufacture of cane sugar, extraction of juice, purification of juice, sulfitation and carbonation, evaporation, crystallization, separations of crystals, drying refining, grades, recovery of sugar from molasses, by-product of sugar industry,

Reference No.-1: Page No.1208- 1218

b. Fermentation Industry: Introduction, importance, conditions favorable for fermentation, Characteristics of enzymes, short account of some fermentation processes, Alcohol beverages, Manufacture of beer, manufacture of sprit, manufacture of wines, manufacture of vinegar, manufacture of power alcohol, ethyl alcohol from molasses.

Reference No.-1: Page No. 1176-1184

Aims and Learning objectives: The students are expected to learn

Sugar Industry: The students are expected to learn

i. Importance of sugar industry,

ii. Manufacture of direct iii. Consumption (plantation white) sugar with flow diagram.

iii. Cane juice extraction by various methods,

iv. Clarification by processes like carbonation, vi. Sulphitation, vii. Phosphatation, etc.

v. Concentration of juice by using multiple effect evaporator system,

vi. Crystallization of sucrose by using vacuum pan.

Fermentation Industry- The students are expected to learn

i. Importance,

ii. Basic requirement of fermentation process,

iii. Manufacturing of ethyl alcohol by using molasses and fruit juice.

4. Soap and detergents (8 L)

(a) Soap: Soap and Fatty Acids: Introduction, Chemistry, Manufacturing Technology, Raw Materials, Functional Properties of Soap, Manufacturing Processes, Saponification Reactor, Cooling, Soap Separator, Soap Extraction, Centrifugation, Neutralization, Direct Neutralization, Carbonate Neutralization, Partial Neutralizing with Soda Ash, Carbon Dioxide Separation, Raw Material Dosing, Caustic Soda, Completion of Neutralizing with Caustic Soda, Neutralization Soap Viscosity,

Reference-5: 980-997, Reference-1: 1243 -1250

(b) Detergents: Synthetic Detergents: Introduction, Characteristic Features of Surfactants, Raw Materials for Surfactant Production, intermediates for Surfactant Production, Anionic Surfactants, Non-ionic Surfactants, Amphoteric Surfactants, Cationic Surfactants, Detergent Additives, Production of Synthetic Detergents, and Washing action of soap and detergents.

Reference-5: 1006-1029, Reference-1: 252 – 1279

Aims and Learning objectives: The students are expected to learn

i. Different types of soap products,

ii. Chemistry of soap.

iii. Raw materials required for soap manufacture

iv. Meaning of the term's Surfactants, Types of surfactants

v. Raw materials for detergents

vi. Detergent builders, additives

vi. Washing action of soap and detergents

5. Dyes and Pigments (8 L)

(a) Dyes: Introduction, qualities of good dye, Colour constituents (Chromophore, auxochrome), classification of dyes according to their application, Synthesis and uses of following dyes: Nitroso dye-martius yellow, Azo dyes-Methyl orange and aniline yellow, Triphenylmethane dye-Crystal violet, Phthalein dye - Phenolphthalein, Xanthane-Fluorescein, Antha-quinnoe-Alizarin and Indigo dyes - Indigo.

Reference -1: pp 1545-1595

(b) Pigments: Introduction, classification and general properties of pigments.

Inorganic pigments:

i) Zinc oxide pigments (Fundamentals and properties, Raw materials, Direct process (American process), Precipitation process)

ii) Iron oxide pigments (Fundamentals and properties, Production of iron oxide pigment by precipitation process),

Reference-9: 80-87, 97 to 109.

Aims and Learning objectives: The students are expected to learn

Dyes - Students should know about

i. Dyes: introduction,

ii. Dye intermediates,

iii. Structural features of a dye;

iv. Classification of dyes,

v. Synthesis, Structures, properties and applications of dyes

Pigments: Students should know about

i. Introduction,

ii. Classification and general properties of pigment

iii. Production processes of zinc oxide and iron oxide

References:

1. Industrial Chemistry, B. K. Sharma, Goel publishing House, 18th Ed. (2014)
2. Riegeal's Hand book of industrial chemistry, James A. kent. 9th Ed. CBS publishers
3. Advanced Inorganic Chemistry, Satyaprakash, Tuli, Basu pages 458-463.
4. Advanced Inorganic Chemistry, Satyaprakash, Tuli, Basu pages 830-849
5. Handbook of Industrial Chemistry and Biotechnology, James A. Kent, Tilak V. Bommaraju, Scott D. Barnicki, Thirteenth Edition, Springer.
6. Inorganic Pigments by Gerhard Pfaff, Publisher-De Gruyter, 1st Ed.
7. Shreeve's chemical process industries 5th Edition, G.T. Austin, TATA McGraw-Hill Edition, chemical engineering series
8. Industrial Chemistry, Part-II, R. K. Das, Kalyani Publisher, Second Ed.
9. Inorganic Pigments by Gerhard Pfaff, Publisher-De Gruyter, 1st Ed.

www.wikipedia.org/wiki/copyright_act_of1976 , www.wikipedia.org/wiki/patentact and www.wikipedia.org/wiki/trademark

Industrial visit:

Visit to any one of the Chemical / Pharmaceutical / Polymer / Research Institutes / Sugar Factories / waste water treatment plant, etc. is essential and a systematic report is to be submitted by the student to the Department of Chemistry.

DSEC-II: CH-506: Inorganic Chemistry Practical - I [Credit -2, 73 L]

Total 12 experiments to be completed.

A. Gravimetric estimations (Any 3)

1. Gravimetric estimation of Fe as Fe2O3. Ref-1: 457
2. Gravimetric estimation of Ba as BaSO4 using homogeneous precipitation method. Ref-1: 448
3. Gravimetric estimation of Nickel as Ni – DMG. Ref-1: 462
4. Analysis of sodium bicarbonate from mixture by thermal decomposition method. Ref.-6
5. Determination of water of crystallization by thermal decomposition. Reference-5
6. Analysis of Food/Pharmaceutical sample for ash and sulphated ash example-Aspirin, Ref. -2.

B. Inorganic preparations (Any 3) (Ref-7, 8, 9)

Preparation of inorganic complexes and spot tests for metal ions and ligands:

1. Preparation of hexamminenickel(II) chloride, $[Ni(NH_3)_6]Cl_2$.
2. Preparation of Potassium trioxalatoferrate(III), $K_3[Fe(C_2O_4)_3]$.
3. Preparation of Manganese (III) acetylacetonate, $[Mn(acac)_3]$.
4. Preparation of tris(glycinato)nickelate(II), $[Ni(gly)_3]^-$
5. Preparation of Potassium dioxalatocuprate(II),$[Cu(C_2O_4)_2]^{2-}$.

C. Inorganic Qualitative Analysis (6 Expts.)

1. Inorganic Qualitative analysis (5 mixtures) [1 simple water soluble mixture, 2 mixtures containing borates and 2 mixtures containing phosphates]

(*DST manual green chemistry monograph procedure must be followed strictly*) Ref.-4

2. Limit test for iron, chloride and sulphate from pharmaceutical raw materials. Ref.-2; pp - 220

OR

2. Qualitative and confirmatory tests of inorganic toxicants of any four ions (Borate, copper, hypochlorite or nitrate or nitrite, Sb or Bi, Iodate, H_2O_2). Reference-3

References:

1: Vogel's textbook of Inorganic Quantitative Analysis, Jeffery, Basset, Mendham Deney, 5th Ed, Longman Scientific Technical, USA (copublished with John Wiley Sons)

2: Indian Pharmacoepia, Vol-2; 2007

3: Basics of Analytical toxicology, World Health Organization

4: Green Chem - [PDF Document] – FDOCUMENTS; (https://fdocuments.in/document/green-chem.html)

5:https://www.studocu.com/ec/document/universidad-de-investigacion-de-tecnologia-experimental-yachay/fisica-matematica/otros/the-gravimetric-analysis-of-barium-chloride-hydrate/8364963/view

6: https://effectiveness.lahc.edu/academic_affairs/sfcs/chemistry/Shared%20Documents/Decomposing%20Baking%20Soda.pdf

7: Experimental Inorganic Chemistry, Mounir A. Malati, Horwood Series in Chemical Science (Horword Publishing, Chichester) 1999.

8: Experiments in Chemistry, D. V. Jahagirdar, Himalaya Publishing House

9: Journal of chemical education: Synthesis of cis- $Cu(gly)_2$ Trans- $Cu(gly)_2$ and cis-ni(gly)$2H_2O$ and their characterization using thermal and spectroscopic technique – a Capstone laboratory experiment.

Structure of Practical Examination [35 Marks; Time: 3 hours]

Q1. Gravimetric estimation/Inorganic preparation/Inorganic Qualitative analysis…. *30 M*

Q2. Viva-Voce ……. *05 M*

DSEC-III: CH-507: Organic Chemistry - I [Credit -2, 36 L]

Chapter No.	Title of Topic/Chapter	No. of lecture
1	Polynuclear and Heteronuclear Aromatic Compounds	08
2	Active Methylene Compounds	05
3	Rearrangement Reactions	12
4	Elimination reactions	11
	Total	**36**

1. Polynuclear and Heteronuclear Aromatic Compounds [08 L]

Introduction, Classification of aromatic compounds, Properties of the following compounds with reference to electrophilic and nucleophilic substitution: Naphthalene, Anthracene, Furan, Pyrrole, Thiophene, and Pyridine. Ref.1: Pages 759 – 779. Ref.3: Pages 952 – 962. 2.

2. Active Methylene Compounds [05 L]

Definition, Preparation of Ethylacetoacetate and Synthetic uses of ethylacetoacetate Preparation of Diethyl malonate and Synthetic uses of diethyl malonate, (preparation of non-heteromolecules having upto 6 carbon). Ref.1: Pages 864 – 875. Ref.3: Pages 859 – 874. Ref.6: Pp 206 – 213.

3. Rearrangement Reactions [12 L]

Introduction, Types of rearrangement, Types of reactive intermediate involved in different rearrangements, Rearrangement – Beckmann, Baeyer-Villiger, Favorskii, Curtius, Lossen, Schmidt and Pinacol-Pinacolone with mechanism. Electrocyclic Rearrangements- Claisen, Cope and Mc-Lafferty rearrangements with mechanism. Ref.4: Pages 618-656. Ref.7: Pages 89-94, 105-107, 112-114, 122-125, 158-161. Ref.10: Pages 130-132.

4. Elimination reactions [11 L]

Introduction; Types of eliminations-1,1; 1,2 elimination, Mechanism with evidences of E1and E2, E1cB reactions, stereochemistry of E1 and E2 elimination, Orientations and reactivity in E1 and E2 elimination- Hoffmann and Saytzeff's orientation, Factors affecting the reactivity- effect of structure, attacking base and leaving groups. Ref.1: Pages 305-326. Ref. 3: Pages 260-265. Ref.4: Pages 472-496. Ref.6: Pages 188-194.

References

1) R.T. Morrison & R.N. Boyd: Organic Chemistry, 7th edition, Prentice Hall.

2) Organic Chemistry: Clayden, Greeves, Wothers, Warren, Oxford Press.

3) Organic Chemistry: Graham Solomans

4) E. S. Gould: Mechanism and Structure in Organic Chemistry

5) Peter Sykes: A Guide Book to Mechanism in Organic Chemistry, Orient Longman

6) I.L. Finar: Organic Chemistry (Vol. I & II), E.L.B.S.

7) S. N. Sanyal: Reactions, Rearrangements and Reagents

8) Eliel: Stereochemistry of Organic Compounds, Tata Mc Graw Hill, 1989

9) D. Nasipuri: Stereochemistry of Organic Compounds- Principles and Applications, New Age International Publishers, 3rd edition.

10) Jagdamba Singh, Jaya Singh: Photochemistry and Pericyclic reactions.3rd edition

Learning Outcomes

Chapter 1 Polynuclear and Heteronuclear Aromatic Compounds: After studying the polynuclear and heteronuclear aromatic compounds, students will able to

1. Define and classify polynuclear and hetreonuclear aromatic hydrocarbons.
2. Write the structure, synthesis of polynuclear and hetreonuclear aromatic hydrocarbons.
3. Understand the reactions and mechanisms
4. Explain the reactivity of polynuclear and hetreonuclear aromatic hydrocarbons.
5. Describe the synthesis of chemical reactions of polynuclear and hetreonuclear aromatic Hydrocarbons.

Chapter 2 Active Methylene Compounds : Students should be able to understand

1. Meaning of active methylene group
2. Reactivity of methylene group,
3. Synthetic applications ethyl acetoacetate and malonic ester
4. To predict product with panning or supply the reagent/s for these reactions

Chapter 3 Molecular Rearrangements Students will study

1. What is rearrangement reaction?
2. Different types of intermediate in rearrangement reactions?
3. To write the mechanism of some named rearrangement reactions and their applications 4. Electrocyclic rearrangement with their mechanisms Chapter

Chapter 4 Elimination Reactions: Students should be familiar with

1. 1,1 and 1,2 elimination
2. E1, E2 and E1cB mechanism with evidences of these reactions 4
3. Understand stereochemistry by using models and learn reactivity of geometrical isomers
4. Orientation and reactivity in E1 and E2 elimination
5. Hoffmann and Saytzeff's Orientation
6. Effect of factors on the rate elimination reactions

DSEC-III: CH-508: Chemistry of Biomolecules [Credit -2, 36 L]

Chapter No.	Title of Topic/Chapter	No. of lecture
1	Introduction to molecular logic of life	03
2	Carbohydrates	07
3	Lipids	06
4	Amino acids and Proteins	08
5	Enzymes	06
6	Hormones	06
	Total	**36**

1. Introduction to molecular logic of life. (3L)

Unicellular and multicellular organisms, prokaryotes and eukaryotes. List of cell organelles and its functions. Molecules that constitute the organisation of cell and its organelles. types of bonds in biomolecules

2. Carbohydrates (7L)

Introduction, classification of carbohydrates, their structures and biological significance. Concept of anomers, epimers, reducing and non-reducing sugars, mutarotation, inversion. Reactions of glucose with acid, base, phenyl hydrazine, oxidizing agents, reducing agents and its significance, Glycosidic bonds.

3. Lipids (6L)

Introduction, classification of lipids, their structures and biological significance. Reactions of Lipids-Saponification Hydrolysis, emulsification, oxidation. Concept of saponification number, acid number, iodine number and their significance. Rancidity. Types of Lipoproteins and their significance. Blood group substances.

4. Amino acids and Proteins (8L)

Amino acids: classification of amino acids. Cocept of ampholytes, isoelectric pH, zwitter ions, titration curve of glycine. Reactions of amino acid with Ninhydrin, Sanger's, Dansyl chloride, Dabsyl chloride and Edmann's reagents and their significance. Peptide bond and its features. **Proteins:** Classification based on function, nutrition and composition. Structural organization of proteins- primary, secondary, tertiary and quaternary structures.

5. Enzymes (6L)

Classification of enzymes. Features of active site. ES complex formation, Enzyme specificity, Factors affecting enzyme activity. Basics of Enzyme kinetics. MM and LB equation and

Significance of Km. Types of Enzyme inhibitions. Concept of Conjugated enzymes- Holoenzyme, Apoenzyme, prosthetic groups. Coenzymes of vitamins. Industrial applications of enzymes.

6. Hormones (6L)

Introduction to endocrine glands and their hormones. Biochemical nature of hormones, Mechanism of action of lipophilic and hydrophilic hormones.

References

1. Lehninger's Principles of Biochemistry, by Nelson and Cox Macmillan Publisher 4th Edn.
2. Biochemistry by U. Satyanarayana
3. Harper's Illustrated Biochemistry, 26th Edition
4. Biophysical techniques by Upadhyay and Nath, 3rd revised edition.
5. Organic Chemistry, Morrison, R. T. & Boyd, R. N.
6. Organic Chemistry (Volume 1) Finar, I. L.
7. Organic Chemistry (Volume 2) Finar, I. L.

Learning Outcome:

1. **Introduction to molecular logic of life.** The student will understanding of Cell types, Difference between a bacterial cell, Plant cell and animal cell. Biological composition and organization of cell membrane, structure and function of various cell organelles of plant and animal cell. Concepts of biomolecules, Bonds that link monomeric units to form macromolecules
2. **Carbohydrates:** The student will understand the types of carbohydrates and their biochemical significance in living organisms, structure of carbohydrates and reactions of carbohydrates with Glucose as example. Properties of carbohydrates.
3. **Lipids:** The student needs to know the types of lipids with examples, structure of lipids, properties of lipids
4. **Amino acids and proteins:** The student will understand the structure and types of amino acids. Reactions of amino acids. Properties of amino acids. Peptide bond formation. Types of proteins. Structural features in proteins. Effect of pH on structure of amino acid, Determination of N and C terminus of peptide chain.
5. **Enzymes:** The student know the classes of enzymes with subclasses and examples. Enzyme specificity, Equations of enzyme kinetics Km and its significance, features of various types of enzyme inhibitions, industrial applications of enzymes.

6. **Hormones:** Basic concepts of Endocrinology. Types of Endocrine glands and their hormones. Biochemical nature of hormones. Mechanism of action of lipophilic and hydrophilic hormones.

DSEC-III: CH-509: Organic Chemistry Practical-I [Credit -2, 73 L]

Total 12 Experiments to be performed

A) Separation of Binary Mixtures and Qualitative Analysis (Any Six)

a) Solid-Solid (3 Mixtures) b) Solid-Liquid (2 Mixtures) c) Liquid-Liquid (1 Mixture) At least one mixture from each of the following should be given-Acid-Base, Acid- Phenol, AcidNeutral, Phenol-Base, Phenol-Neutral, Base-Neutral and Neutral- Neutral. (Solid-solid mixtures must be insoluble in water)

B) Preparations

a) Green Chemistry Preparations (Any Two)

1. Preparation of dibenzalpropanone from benzaldehyde and acetone using $LiOH.H_2O/NaOH$
2. Nitration of phenol or substituted phenols using $CaNO_3$.
3. Bromination of acetamide using ferric ammonium nitrate and KBr in aqueous medium.

b) Organic Preparations (Any Two)

1. Preparation of 1, 4- dihydropyrimidinone from ethyl acetoacetate, benzaldehyde and urea using oxalic acid as catalyst.
2. Preparation p-Iodonitrobenzene from p-Nitroaniline by Sandmeyer Reaction
3. Preparation P-chloro benzoic acid and p-chloro benzyl alcohol from p-chloro benzaldehyde.

C) Preparations of Organic Derivative (Any Two)

1. Amide derivative of Carboxylic acid
2. Glucosazone derivative of Glucose
3. Paracetamol from p-Aminophenol

Imp. Note: At the time of practical examination candidate should perform complete analysis of one binary mixture OR One preparation and one preparation of organic derivative.

• To develop skills required in chemistry such as the appropriate handling of apparatus and chemicals.

• The student will learn the laboratory skills needed to design, safely conduct and interpret chemical research.

• To expose the students to an extent of experimental techniques using modern instrumentation.

• The student will develop the ability to effectively communicate scientific information and research results in written and oral formats.

Learning Outcomes:

A) Separation of Binary Mixtures and Qualitative Analysis The students will be able to

1. Perform the quantitative chemical analysis of binary mixture, explain principles behind it.
2. Separate, purify and analyse binary water insoluble mixture.
3. Separate, purify and analyse binary water-soluble mixture.
4. Understand the techniques involving drying and recrystallization by various method.
5. Familiarize the test involving identification of special elements.
6. Learn the confirmatory test for various functional groups.

B) Preparations The students will be able to

1. Systematic working skill in laboratory will be imparted in student.
2. Learn the basic principles of green and sustainable chemistry.
3. Synthesis of various organic compounds through greener approach.
4. Do and understand stoichiometric calculations and relate them to green process metrics.
5. Learn alternative solvent media and energy sources for chemical processes.
6. Learn the preparations of derivative various functional groups aspects of electrical experiments.
7. Understand the techniques involving drying and recrystallization by various method
8. Expertise the various techniques of preparation and analysis of organic substances
9. Understand principle of Thin Layer Chromatographic techniques.
10. Understand the purification technique used in organic chemistry.

SEC-I: CH-510: Skills Enhancing Course-I [Credit -2, 36 L]

Choose one out of the two options, A and B.

CH-510 (A) : Introduction to Medicinal Chemistry

Chapter No.	Title	Number of Lectures
1	An Introduction to Drugs, their Action and Immunobiologicals	08
2	Bio-physicochemical Properties in Drug Action and Design	08
3	Drugs for Infectious Diseases	12
4	Drugs for Non -infectious Diseases	08
	Total	**36**

1. An Introduction to Drugs, their Action and Immunobiologicals (8L)

A. Introduction, Need of new drugs, Historical background of drug discovery and design, Sources of drugs, Classification of drugs, Introduction to drug action

(*Ref.1 Pages 37-53, Ref.2 Pages 4-11, Ref.4 Pages 4-9*)

B. Immunobiologicals: Vaccines: Introduction, Methods of vaccine production: Inactivated pathogens, Live/Attenuated Pathogens and Cellular Antigen from a pathogen, SARS-CoV-19

(*Ref.3 Pages 165-168, Ref.9, Ref.10*)

2. Bio-physicochemical Properties in Drug Action and Design (8L)

Introduction, Acidity/Basicity, Solubility, Ionization, Hydrophobic and hydrophilic properties, Lipinski Rule, **Terminology in Medicinal Chemistry:** Pharmacology, Pharmacophore, Pharmacodynamics, Pharmacokinetics, metabolites, antimetabolites and therapeutic index. Importance of stereochemistry in drug action (Example: Ibuprofen), Concept of rational drug design: Structure activity relationship, Drug-receptor understanding

(*Ref.1 Pages 57-75, 95-96 Ref.2 Pages 189-274, 384-392, Ref.4 Pages 29-61*)

3. Drugs for Infectious Diseases (12L)

Introduction, Structures, Mode of Action and Applications**:**

A. Antimicrobial Agents: Classification on i) Type of action: Bacteriostatic and Bactericidal ii) Source (Natural, Synthetic and Semisynthetic) iii) Spectrum of activity: Narrow and Broad Spectrum iv) Chemical structure: β-lactams (Penicillin), Macrolides (Azithromycin), Sulphonamides (Sulfadiazine), and Tetracyclins (Chlortetracycline)

B. Anti-fungal and anti-viral agents: Example: Amphotericin-B, Acyclovir

(*Ref.1 Pages 131-157, Ref.2 Pages 413-472, Ref.3 Pages 258-308, Ref.4 Pages 191-228*)

4. Drugs for Non-infectious diseases (8L)

Introduction, Structures, Mode of Action, and Applications**:**

A. i) Anti-inflammatory and Analgesic Agents: Example: Aspirin, Paracetamol, and Ibuprofen, **ii) Psychoactive Agents:** Sedatives and Hypnotics: Example: Benzodiazepines,

B. Metallodrugs as Chemotherapeutic Agents: Examples: Aluminium based antacids, Salvarsan, Cis Platin, and Transition Metal Complexes

(*Ref.3 Pp 443-457, 509-515,637-647, 776-792, Ref. 5, Ref.6, Ref.7, Ref. 8 Pp.69-70,481-491*)

References:

1. Fundamentals of Medicinal Chemistry by Gareth Thomas, University of Portsmouth, UK.
2. An Introduction to Medicinal Chemistry, Patrick, G. Oxford. University Press (Vth Edition).
3. Wilson and Gisvold's Textbook of Organic Medicinal and Pharmaceutical, Charles Owens Wilson, John H. Block, Ole Gisvold, John Marlowe Beale.
4. Foye's Principles of Medicinal Chemistry by David A. Williams, Thomas L. Lemke, William O. Foye (VIIth Edition), Kluwer publication.

5. Medicinal chemistry, fourth edition, Ashutosh Kar (2007).
6. Metallodrugs in Medicinal Inorganic Chemistry Katja Dralle Mjos and Chris Orvig, Chem. Rev. 2014, 114, 4540-4563, http://dx.doi.org/10.1021/cr400460s
7. Metallodrugs are unique: opportunities and challenges of discovery and development, E. J. Anthony et.al. Chem. Sci., 2020, 11, 12888, http://dx.doi.org/10.1039/d0sc04082g.
8. Metallo-therapeutic Drugs And Metal-Based Diagnostic Agents by Marcel Gielen and Edward R.T. Tiekink
9. Research and Development on Therapeutic Agents and Vaccines for COVID-19 and Related Human Coronavirus Diseases, Cynthia Liu et al., ACS Cent. Sci. 2020, 6, 315−331, http://dx.doi.org/10.1021/acscentsci.0c00272
10. A comprehensive overview of vaccines developed for pandemic viral pathogens over the past two decades including those in clinical trials for the current novel SARS-CoV-2, Kannan Damodharan et al., RSC Adv., 2021, 11, 20006–20035,http://dx.doi.org/10.1039/d0ra09668g

Learning Outcomes:

Upon completion of the course the student shall be able to understand,

1. The basics of medicinal chemistry, biophysical properties, overview of basic concepts of traditional systems of medicine.
2. Over view of the overall process of drug discovery, and the role played by medicinal chemistry in this process.
3. Biological activity parameters and importance of stereochemistry of drugs and receptors.
4. Knowledge of mechanism of action of drugs belonging to the classes of infectious and non-infectious diseases.
5. Enhancement of practical skills in synthesis, purification and analysis.

Additional Study Material: NPTEL Video lecture on Medicinal Chemistry:

1. https://youtu.be/UHEXXGiegd0 ;
2. https://youtu.be/rVN_HybZ-Vk
3. https://youtu.be/-fCXLW-jF2o
4. https://youtu.be/n5C-peu54Wk
5. https://youtu.be/0wx4hep1low
6. https://youtu.be/9lWrNuUzP4A
7. https://youtu.be/84-q3SAVEQk

CH-510 (B) : Polymer Chemistry

Chapter No	Topic	Number of lectures
1	Introduction and history of polymeric materials	6
2	Polymerization Chemistry	12
3	Molecular weight of Polymers	6
4	Important Polymers	12
	Total	**36**

1. Introduction and history of polymeric materials: (6 L)

Brief history, Basic terms- monomer, polymer, polymerisation, degree of polymerisation, functionality. Different schemes of classification of polymers, polymer nomenclature, molecular forces and chemical bonding in polymers, glass transition temperature of polymer.

Ref. 1: Pages 1-20, 150

Ref. 2: Pages 1-16

Ref. 5, 7 & 8 Relevant Pages

2. Polymerization Chemistry (12 L)

Classification of polymerization processes, mechanism of- step growth, radical chain growth, ionic chain (both cationic and anionic) and coordination polymerizations. Polymerization techniques-bulk, solution, suspension, emulsion and interfacial condensation.

Ref. 1: Pages 20-58, 71-79

Ref. 2: Pages 25-32, 49-56, 82-86, 88-94, 126-132

Ref. 3 & 4 Relevant Pages

3. Molecular weight of Polymers (6 L)

Average molecular weight of polymer, Number average molecular weight (M_n), Weight average molecular weight (M_w), Number average molecular weight by end group analysis, Viscosity average molecular weight by viscometric method, klMolecular weight distribution and its significance, polydispersity index.

Ref. 1: Pages 86-98, 402-409

Ref. 2 & 4: Relevant Pages

4. Important Polymers: (12 L)

Brief introduction to preparation, structure, properties and application of the following polymers: polyethylene, polystyrene, polyvinyl chloride, polyvinyl alcohol, polymethyl methacrylate, polytetrafluoroethylene, polyamides, polyesters, phenol formaldehyde resins (Bakelite, Novolac), silicone polymers, polyisoprene, conducting Polymers.

Ref. 1: Pages 215-255

Ref. 3, 4 & 6 Relevant Pages

Course Outcome: The students are expected to learn the following aspects of Polymer Chemistry:

1) History of polymers.

2) Difference between simple compounds and polymer.

3) Names of polymers.

4) Various ways of nomenclature.

5) Difference between natural, synthetic, organic and inorganic polymers.

6) Terms-Monomer, Polymer, Polymerization, Degree of polymerization, Functionality, Number average, Weight average molecular weight.

7) Mechanisms of polymerization.

8) Polymerization techniques.

9) Uses & properties of polymers.

10) Role of polymer industry in the economy.

11) Advantages of polymers.

Reference Books:

1. Polymer Science by V.R. Gowarikar, N.V.Vishvanathan, JaydevShreedhar New Age International Ltd. Publisher 1996. (Reprint 2012)
2. Textbook of Polymer Science by Fred Billmeyer, 3rd Edn. A Wiely-Interscience Publication John Wiley& Sons New York 1984. (Reprint 2008)
3. Introductory Polymer Chemistry by G.S.Misra New Age International (P) Ltd. Publisher 1996.
4. Polymer Chemistry by Charles E. Carraher (Jr.), 6th Edn, (First Indian Print 2005), New York- Basel.
5. Principle of Polymer Science by P. Bahadur, N.V. Sastry, 2nd Edn, Narosa Publishing House.
6. Polymer Chemistry by Ayodhya Singh, 2008, Published by Campus Book International, New Delhi.
7. Organic Polymer Chemistry by Jagdamba Singh, R.C. Dubey, 4th Edn, 2012.
8. Principles of Polymerisation by George Odian3rd Edn. John Wiley & Sons New York.

SEC-II: CH-511: Skills Enhancing Course-II [Credit -2, 36 L]

Choose one out of the two options, A and B.

CH-511 (A) : Environmental Chemistry

Chapter No.	Title of Topic/Chapter	No. of lecture
1	Concepts and Scope of Environmental Chemistry	06
2	Hydrosphere and Water Pollution	10
3	Analytical Techniques in water Analysis	10
4	Water pollution and treatment methods	10
	Total	**36**

1: Concepts and Scope of Environmental Chemistry (06L)

Introduction, Environmental Pollution and Classification, Units of concentration, Segments of Environment, Biogeochemical cycles of C, N, P, S and O system

Reference: 1, 2, 3

Aims and objectives: -Students should know:

i. Importance and conservation of environment.

ii. Importance of biogeochemical cycles

2: Hydrosphere and Water Pollution (10L)

Water resources, Hydrological Cycle: stages of hydrological cycle and chemical composition of water bodies, Microbially mediated aquatic reactions, Classification of water pollutants

Organic and Inorganic pollutants, Sewage and Domestic waste, Sediments, Detergents, Pesticides, Eutrophication, Sampling and monitoring water quality parameters: pH, D.O. (Winkler Method), COD, TOC, Total hardness, free chlorine.

Reference: 1 Page no -47-62,

Aims and Objectives:- Students should know:

i. Water resources

ii. Hydrological Cycle

iii. Organic and inorganic pollutants

iv. Water quality parameters

3. Analytical Techniques in water Analysis (10 L)

Water quality parameters and standards, domestic water quality parameters, surface water, sampling, preservation, Monitoring techniques and methodology (pH, conductance, DO, ammonia, nitrate and nitrite, Cl, F, CN, Sulfide, sulphate, phosphate, total hardness, boron, metals and metalloids- As, Cd,

Cr, Cu, Fe, Pb, Mn, Hg (Exclude polarographic and AAS methods), COD, BOD, TOC, phenols, pesticides, surfactants, tannis and lignins, E. Coli, Case studies of water pollution.

Ref-1: 225-278

4. Water pollution and treatment methods (10 L)

Water pollutants, Eutrophication, Waste water treatment (domestic waste water, aerobic treatment, anaerobic treatment, upflow aerobic sludge bed, industrial waste water treatment, drinking water supplies, Trace elements in water, chemical speciation (Cu, Pb, Hg, As, Se, Cr)

Ref-1: 167-225

Reference-1: Environmental Chemistry – A. K. De, Third Edition (Wiley)

Additional References:

1. Environmental Chemistry – A. K. De, 5th Edition (New age international publishers)
2. Environmental Chemistry – A. K. Bhagi and C. R. Chatwal (Himalaya Publishing House)
3. Environmental Chemistry – H. Kaur 2nd Edition 2007, Pragati Prakashan, Meerut, India
4. Environmental Chemistry – J. W. Moore and E. A. Moore (Academic Press, New York)
5. Basic Concepts of Analytical Chemistry: S. M. Khopkar, Wiley Eastern (1995)

CH-511 (B) : Cheminformatics

Chapter No.	Title of Topic/Chapter	No. of lecture
1	Introduction to Cheminformatics	02
2	Representation of Molecules and Chemical Reactions	10
3	Searching Chemical Structures	06
4	Applications of Cheminformatics	18
	Total	**36**

1. Introduction to Cheminformatics [02L]

1.1. History and progression of cheminformatics

1.2. Significance of cheminformatics

1.3. Prospects of cheminformatics and Molecular Modelling

Learning Outcomes:

1. Students should understand the significance of cheminformatics in the modern practices of chemical science
2. Students should learn the necessity of cheminformatics in chemical science

Ref. 2. (Page no. 4-11 and relevant pages)

2. Representation of Molecules and Chemical Reactions: [10L]

2.1. Nomenclature

2.2. Different types of notations

2.3. Canonical representation of chemical structure, SMILES notation

2.4. 2D representation of chemical structure; Graph Theory, Connection tables and linear notations, Matrix representations

2.5. 3D chemical structure representation and molecular structure file formats; Molfiles, Sdfiles and Pdbfiles

2.6. 3D molecular structure visualization

2.7. Chemical Libraries (Pubchem, ChEMBL, DrugBank and Zinc) and online Available cheminformatics toolkits

2.8. Molecular properties calculations; electronic effects, Reaction classification

Learning Outcomes:

1. Students should learn the basic concepts about these representation methods.
2. Students should understand the significance of different representation methods for their specific applications.
3. Students should able to identify these representation methods with understanding.
4. Students should able to read these representation methods for basic examples.

Ref. 1. (Page no. 1-74, 183-201 and relevant pages)

Ref. 2. (Page no. 15-51, 92-96, 169-197 and relevant pages)

3. Searching Chemical Structures: [06L]

3.1. Basic ideas about the Full structure search, Sub-structure search

3.2. Basics of similarity and diversity search; Tanimoto, Dice, Cosine coefficient and Euclidean distance

3.3. Basics of three dimensional search methods

3.4. Basics of computation of physical and chemical data and structure descriptors.

Learning Outcomes:

1. Students should learn the basic concepts of referencing
2. Students should understand the significance of structural data in the process of referencing
3. Students should able to correlate the necessity of input methods and the expected outcomes for the set of chemicals
4. Students should able to understand data interpretation using these methods for basic or representative molecules.

Ref. 1. (Page no. 141-158 and relevant pages)

Ref. 2. (Page no. 291-313, 320-431 and relevant pages)

Ref. 3. (Page no. 39-50, 317-371 and relevant pages)

4: Applications of Cheminformatics: [18 L]

4.1. Prediction of Properties of Compounds: Linear Free Energy Relations; Quantitative Structure-Property Relations; Descriptor Analysis; Model Building; Modeling Toxicity

4.2. Predictive Methods for Organic Spectral Data Simulation: Spectra prediction methods and tools, open source and propriety tools, spectra viewer programs, Structure-Spectra correlations

4.3. Introduction to computer aided drug design: Computer Assisted Synthesis Design; Target Identification and Validation; Lead Finding and Optimization; Combinatorial library design, Virtual screening, Molecular docking and Molecular Dynamics simulation. Pharmacophore modeling; Ligand-Based and Structure Based virtual screening, Drug likeness properties, Protein Ligand Interaction Profile (PLIP) analysis and its application in drug discovery process

4.4. Machine Learning Methods in Cheminformatics

4.5. Introduction to Cheminformatics Softwares: Basic operational principle and applications of MarvinSketch, Discovery Studio, Gaussian, GOLD, Schrodinger, Expert protein Analysis System (Expasy) online server

Learning Outcomes:

1. Students should learn the basic idea about how to apply cheminformatics tool for variety of applications.
2. Students should understand the significance of database for the specific purpose of application.
3. Students should able to correlate the content of data with the possible applications for the set of chemicals.
4. Students should get aware with the principle and the basic operational methods of well-practiced software used in the data interpretation in cheminformatics.
5. Students should learn the basic concepts of Machine Learning and Artificial intelligence

Ref. 1. (Page no. 75-97 and relevant pages)

Ref. 2. (Page no. 487-542, 567-616 and relevant pages)

Ref. 3. (Page no. 10-15, 93-129, 133-192, 375-406 and relevant pages)

Reference Books:

1. Andrew R. Leach and Valerie, J. Gillette (2007) An introduction to Chemoinformatics. Springer: The Netherlands.
2. Gasteiger, J. and Engel, T. (2003) Chemoinformatics: A text-book. Wiley-VCH.
3. Muthukumarasamy Karthikeyan and Renu Vyas (2014) Practical Chemoinformatics, Springer

Semester-VI

DSEC-IV: CH-601 : Physical Chemistry-II [Credit -2, 36 L]

Chapter No.	Title of Topic/Chapter	No. of lecture
1	Electrochemical Cells	16
2	Crystal structure	10
3	Nuclear Chemistry	10
	Total	**36**

1. Electrochemical Cells [16 L]

Electrochemical cells, reversible and irreversible cells with examples, The e.m.f. of electrochemical cell and its measurement, The Weston standard cell, Reference electrodes: The primary reference electrode and Secondary reference electrodes, The Nernst equation for E.M.F. of a cell. Types of reversible electrodes, the sign convention for electrode potentials, Thermodynamics of reversible cells and reversible electrodes, E.M.F. and equilibrium constant of cell reaction, Electrochemical series, Types of concentration cells, liquid junction potential, salt bridge, Applications of emf measurements: 1. Determination of pH of a solution by using hydrogen electrode, quinhydrone electrode and glass electrodes 2. Potentiometric titrations: i) Acid-base titrations, (ii) Redox titrations. (iii) Precipitation titration, Batteries: Primary and Secondary batteries, applications for Secondary Batteries, Fuel Cells: Types of fuel cells, advantages, disadvantages of fuels cells, comparison of battery Vs fuel cell

Expected learning Outcomes:

After studying this chapter, the student will be able to know and understand:

1. Electrochemical cells: Explanation of Daniell cell, Conventions to represent electrochemical cells
2. Thermodynamic conditions of reversible cell, Explanations of reversible and irreversible electrochemical cell with suitable example,
3. EMF of electrochemical cell and its measurement.
4. The Weston standard cell
5. The primary reference electrode: The standard hydrogen electrode (SHE) with reference to diagram, Construction, representation, working and limitation,
6. Secondary reference electrodes: (a) The calomel electrode, (b) The glass electrode (c) The silver-silver chloride electrode. Understanding of these electrodes with reference to diagram, representation, Construction, working

7. Nernst Equation for theoretical determination of EMF
8. Types of Reversible electrodes: Metal-metal ion electrodes, Amalgam electrodes, Gas electrodes, Metal-metal insoluble salt electrodes, Oxidation-reduction electrodes with respect to examples, diagram, representation, construction, working (electrode reactions) and electrode potential.
9. Sign convention for electrode potentials and Electrochemical series
10. Standard electrode potentials,
11. Types of concentration cells: Concentration cells without and with transference Concentration cells with liquid junction potential
12. Liquid junction potential and salt bridge
13. Applications of emf measurements: 1. Determination of pH of a solution by using hydrogen electrode, quinhydrone electrode and glass electrodes 2. Potentiometric titrations: i) Acid-base titrations, (ii) Redox titrations and (iii) Precipitation
14. Primary Batteries: Dry Cells, alkaline batteries with respect to construction, diagram and working
15. Secondary Batteries: Nickel-cadmium, Lithium-ion batteries, the lead acid battery with respect to construction, diagram and working
16. Applications for Secondary Batteries
17. Fuel Cells: Types of fuel cells, advantages, disadvantages of these fuels cells, comparison of battery Vs fuel cell
18. Problems

Reference books:

1. Essential of Physical Chemistry, Bahl and Tuli (S. Chand)., (Page No: 1154-1178)
2. Principles of Physical Chemistry by Puri, Sharma, Pathania, (Page No: 835-880)
3. Physical Chemistry, Singh, N.B., et al. Volume 2, New Age International Ltd, 2000, (Page No: 320-412)
4) Modern Electrochemistry Second Edition by John O'M Bockris, Molecular Green Technology College Station, Texas and Amulya K. N. Reddy, President International Energy Initiative Bangalore, India, (Page No: 1789-1888)

2. Crystal structure [10 L]

Types of Solids: Isotropy and Anisotropy, Laws of crystallography: Law of constancy of interfacial angles, Law of rational indices, Law of crystal symmetry, Weiss indices and Miller indices, Crystal Structure: Parameters of the Unit Cells, Cubic Unit Cells: Three Types of Cubic Unit Cells, Calculation of Mass of the Unit Cell, Methods of Crystal structure analysis: The

Laue method and Braggs method: Derivation of Bragg's equation, Determination of crystal structure of NaCl by Bragg's method, X ray analysis of NaCl crystal system, Calculation of d and λ for a crystal system, Numerical.

Expected learning Outcomes:

After studying this topic students are expected to know and understand:

1. Distinguish between crystalline and amorphous solids / anisotropic and isotropic solids.
2. Explain the term crystallography and laws of crystallography.
3. Weiss and Millers Indices, determination of Miller Indices
4. Bravais lattices, space groups, seven crystal systems and fourteen Bravais lattices;
5. Cubic lattice and types of cubic lattice
6. Distance between the planes for 100, 110 and 111 for cubic lattice
7. Methods of Crystal structure analysis: The Laue method and Braggs method: Derivation of Bragg's equation,
8. Determination of crystal structure of NaCl by Bragg's method,
9. X ray analysis of NaCl crystal system and Calculation of d and λ for a crystal system,
10. Problems

Reference books:

1. Essential of Physical Chemistry, Bahl and Tuli (S. Chand).,(Pp: 491-507, 518-528)
2. Principles of Physical Chemistry by Puri, Sharma, Pathania, (Page No: 1165-1180)

3. Nuclear Chemistry [10L]

Radioactivity, Types of Radiations, Properties of Radiations, Detection and Measurement of Radioactivity: Cloud chamber, Ionization Chamber, Geiger-Muller Counter, Scintillation Counter and Film Badges, Nuclear structure, Classification of nuclides, Types of Radioactive Decay, The Group Displacement Law, Kinetics of Radioactive Decay, Half-life, average life, Energy released in nuclear reaction, Mass Defect, Nuclear Binding Energy, Some applications of radio-isotopes as tracers: Chemical investigation – Esterification, Friedel -Craft reaction, Structural determination – Phosphorus pentachloride, Age determination – use of tritium and C^{14} dating, Problems

Expected learning Outcomes:

After studying this topic students are expected to know

1. Radioactivity
2. Types and properties of radiations: alpha, beta and gamma
3. Detection and Measurement of Radioactivity: Cloud chamber, Ionization Chamber, Geiger-Muller Counter, Scintillation Counter, Film Badges

4. Types of radioactive decay: α- Decay, β-Decay and γ-Decay
5. The Group Displacement Law, Radioactive Disintegration Series
6. Kinetics of Radioactive Decay, Half-life, average life and units of radioactivity
7. Energy released in nuclear reaction: Einstein's equation, Mass Defect, Nuclear Binding Energy,
8. Application of radioisotopes as a tracer: Chemical investigation- Esterification, Friedel - Craft reaction and structure determination w.r.t PCl_5, Age determination use of tritium and C^{14} dating.
9. Solve the problems based on this topic

Reference books:

1. Elements of Nuclear Chemistry by H.J. Arnikar
2. Essential of Physical Chemistry, Bahl and Tuli (S. Chand)., (Page No: 117-145)

Additional Reference Books:

1) Physical Chemistry by G. M. Barrow, International student Edition, Mc Graw Hill.
2) University General Chemistry by C.N.R. Rao, Macmillan.
3) Physical Chemistry by, R. A. Alberty, Wiley Eastern Ltd.
4) The Elements of Physical Chemistry by P. W. Atkins, Oxford.
5) Principles of Physical Chemistry by S. H. Maron, C. H. Prutton, 4thE dition.
6) Principles of Physical Chemistry by Puri, Sharma, Pathania,
7) Chemical applications of radioisotopes by H.J.M. Brown
8) Source book of Atomic energy by S. Glasstone and D. Van .
9) Modern Electrochemistry Second Edition by John O'M Bockris

Molecular Green Technology College Station, Texas and Amulya K. N. Reddy President International Energy Initiative Bangalore, India, Kluwer Academic Publishers New York, Boston, Dordrecht, London, Moscow

DSEC-IV: CH-602 : Physical Chemistry-III [Credit -2, 36 L]

Chapter No.	Title of Topic/Chapter	No. of lecture
1	Colligative properties of dilute solutions	09
2	Kinetics of Reactions in the Solid State	09
3	Electronic structure and macroscopic properties	08
4	Polymers	10
	Total	**36**

1) Colligative properties of dilute solutions (09L)

Introduction, Solution, electrolytes and nonelectrolytes, Meaning of term colligative property, relative lowering of vapour pressure of solvent in solution, elevation of B.P. of solvent in solution, Landsberger's method, freezing point depression, Beckmann's method, Osmosis and Osmotic pressure, Berkeley and Hartley method, application of colligative properties to determine molecular weight of nonelectrolyte, abnormal molecular weight, Relation between Vant Hoff's factor and degree of dissociation of electrolyte by colligative property, Numerical.

Expected learning Outcomes:

After studying this topic students are expected to know

1. Meaning of the terms-Solution, electrolytes, nonelectrolytes and colligative properties,
2. Lowering of vapour pressure of solvent in solution,
3. Elevation of B.P. of solvent in solution, Landsberger's method,
4. freezing point depression, Beckmann's method Osmosis and Osmotic pressure, Berkeley and Hartley method,
5. Application of colligative properties to determine molecular weight of nonelectrolyte, abnormal molecular weight,
6. Relation between Vant Hoff's factor and degree of dissociation of electrolyte by colligative property,
7. Problems.

Reference books:

3) Principles of Physical Chemistry by Puri, Sharma, Pathania, (Page No: 778 - 800)
4) Essential of Physical Chemistry, Bahl and Tuli (S. Chand). (Page No: 614 - 684)

2) Kinetics of Reactions in the Solid State: (09L)

Some General Considerations, Factors affecting reactions in Solids, Rate Laws for Reactions in Solids , The Parabolic Rate Law, The First-Order Rate Law, The Contracting Sphere Rate Law, The Contracting Area Rate Law, The Prout–Tompkins Equation, Rate Laws Based on Nucleation, Applying Rate Laws, Results of Some Kinetic Studies, The Deaquation-Anation of $[Co(NH_3)_5H_2O]Cl_3$, Two Reacting Solids

Expected learning Outcomes:

1. Factors affecting on solid state reactions,

2. Rate laws for reactions in solid state

3. Applying rate laws for solid state reactions

4. Results of kinetics studies

Reference books:

1) Principles of James E House, Second Edn, (Page nos: 229 to 262)
2) Principles of Physical Chemistry by Puri, Sharma, Pathania,
3)Essential of Physical Chemistry, Bahl and Tuli (S. Chand).

3) Electronic structure and macroscopic properties (08L)

Cohesive energy in ionic crystals, electronic structure of solids, conductors and insulators, Ionic crystals, semiconductors, cohesive energy in metals.

Reference books:

1. Castellan, G.W. Physical Chemistry Third edition (1993) , Addision –Wesley Publishing Co. (Page Numbers 709-719)

Expected learning Outcomes:

1. Cohesive Energy of ionic crystals based on coulomb's law and Born Haber Cycle
2. Correspondence between energy levels in the atom and energy bands in solid
3. Band structure in solids – Na , Ca and diamond
4. Conductors and insulators – Its correlation with Extent of energy in energy bands
5. phenomena of photoconductivity
6. Semiconductors – Role of impurity in transformation of insulator into semiconductor
7. Temperature dependant conductivity semiconductors
8. Cohesive Energy in metals
9. Numericals based on cohesive energy

4) Polymers (10L)

Introduction to Polymer Chemistry, Brief History, Polymer definition, Preparation, Classification, Structures, Chemical bonding & Molecular forces in Polymers. Ref. 1: Pages 1-14, Ref. 2: Pp. 1-16

Molecular weights of polymers: Average Molecular weight, Number Average & Weight Average Molecular weight, Molecular weight & degree of polymerisation, Practical significance of polymer molecular weights, b) Molecular weight determination by End Group Analysis & Viscosity method and c) Problems based on Number Average & Weight Average Molecular weight Ref. 1: Pages 86-89, 92, 96-98, 402-409

References

Polymer Science by V.R. Gowarikar, N.V. Vishvanathan, Jaydev Shreedhar New Age International Ltd. Publisher 1996.(Reprint 2012)

Textbook of Polymer Science by Fred Billmeyer, 3rd Edn. A Wiely-Interscience Publication John Wiely& Sons New York 1984. (Reprint 2008)

Expected learning Outcomes:

After studying this topic students are expected to know

1) History of polymers.
2) Classification of polymers
3) Chemical bonding & Molecular forces in Polymer
4) Molecular weight of polymers
5) Practical significance of polymer molecular weights
6) Molecular weight determination

Reference books:

1) Essential of Physical Chemistry, Bahl and Tuli (S. Chand). (Page No: 1 - 35)
2) Principles of Physical Chemistry by Puri, Sharma, Pathania, (Page No: 9-23)

Other Reference Books:

1. Atkins' Physical Chemistry by Peter Atkins Professor of Chemistry, University of Oxford, and Fellow of Lincoln College, Oxford Julio de Paula Professor and Dean of the College of Arts and Sciences Lewis and Clark College, Portland, Oregon
2. Barrow, G.M. Physical Chemistry Tata McGraw-Hill (2007).
3. Kotz, J.C., Treichel, P.M. & Townsend, J.R. General Chemistry Cengage Learning India Pvt. Ltd., New Delhi (2009).
4. Mahan, B.H. University Chemistry 3rd Ed. Narosa (1998).

DSEC-IV: CH-603 : Physical Chemistry Practical-II [Credit -2, 73 L]

Total 12 Experiments to be performed.

1. Potentiometry (any five)

1) To determine the PKa value of given monobasic weak acid by potentiometric titration.
2) To determine the formal redox potential of Fe_2+/ Fe_3+ system potentiometrically.
3) To determine the amount of NaCl in the given solution by potentiometric titration against silver nitrate.
4) To determine the solubility product and solubility of AgCl potentiometrically using chemical cell.
5) Estimate the amount of Cl-, Br- and I- in given unknown halide mixture by titrating it against standard AgNO3 solution (mixture of any two ions).
6) To prepare standard 0.2 M Na2HPO4 and 0.1 M Citric acid solution, hence prepare four different buffer solutions using them. Determine the pH value of these and unknown solution.

7) To determine the composition of Zinc ferrocyanide complex potentiometrically
8) To determine the standard electrode potentials of Cu and Ag electrodes and to determine the EMF of a concentration cell.

2. pH metry (any three)

1) To determine the degree of hydrolysis of aniline hydrochloride.
2) To determine the dissociation constant of oxalic acid by pH-metric titration with strong base.
3) Determination of Pka of given weak acid by pH metry titration with strong base
4) To determine the acid and base dissociation constant of an amino acid and hence the isoelectric point of an acid.
5) pH metric titration of strong acid against strong base by pH measurement and hence determine the concentration and strength of strong acid.

3. Radioactivity (any one)

1) To determine plateau voltage of the given G M counter.
2) To determine the resolving time of GM counter.
3) To determine Emax of beta particle

4. Colligative properties (any one)

1. To determine the molecular weight of solute by depression in freezing point method
2. To study the association of Benzoic acid in benzene by Beckmann Method
3. Determine the molecular weight of given electrolyte and non-electrolyte by Landsberger's method and to study the abnormal molecular weight of electrolyte

5. Turbidometry: (any one)

1. Determination of $SO4^{2-}$ and Cl^{-} by turbidimetric method (turbidimetric titration or calibration curve method)
2. To determine the molecular weight of a given polymer by turbidometry

6. Table work

1.Analysis of crystal structure from X-ray diffraction spectra of any two compounds (Calculation d, lattice constant, crystal volume and density, and assigning planes to peaks using JCPDS data)

Reference Books:

1. Practical physical chemistry, A. Findlay, T.A. Kitchner (Longmans, Green and Co.)
2. Experiments in Physical Chemistry, J.M. Wilson, K.J. Newcombe, A.r. Denko. R.M.W. Richett (Pergamon Press)
3. Senior Practical Physical Chemistry, B.D. Khosla and V.S. Garg (R. Chand and Co.,

Delhi.).

4. Experimental Physical Chemistry by D. P. Shoemaker, Mc. Growhill, 7th Edition, 2003.
5. Physical chemistry by Wien (2001)
6. Advance Physical Chemistry Experiment, Gurtu and Gurtu, Pragati Publication (Meerut),
7. Experiments in Chemistry, D. V. Jahagirdar, Himalaya Publishing House
8. Practical physical Chemistry, B. Vishwanathan and P. S. Raghwan, Viva Books
9. Vogel-qualitative-inorganic-analysis-5th-edition-1979
10. Vogel, A.I. A Textbook of Quantitative Inorganic Analysis, ELBS.
11. Halpern, A. M. & McBane, G. C. *Experimental Physical Chemistry 3rd Ed.;* W.H. Freeman & Co.: New York (2003).

DSEC-V: CH-604 : Inorganic Chemistry -II [Credit -2, 36 L]

Chapter No.	Title of Topic/Chapter	No. of lecture
1	Organometallic Chemistry	08
2	Homogeneous and Heterogeneous catalysis	10
3	Bioinorganic Chemistry	08
4	Inorganic Polymers	05
5	Inorganic solids/ionic liquids of technological importance	05
	Total	**36**

1. Organometallic Chemistry [8L]

Definition of Organometallic compounds and Organometallic chemistry, CO as a π-acid donor ligand, binary metal carbonyls, classification of metal carbonyls, synthesis of metal carbonyls; (a) Direct reaction (b) Reductive carbonylation (c) Photolysis and thermolysis. Hepticity, Molecular and electronic structures of binary metal carbonyls, Electron count in complexes (18 electron rule). Applications of organometallic compounds in industrial catalysis (list of examples). Chemistry of ferrocene; Introduction, synthesis and physical properties of ferrocene. Reactions of ferrocene such as Friedel-Craft Acylation, Friedel-Craft Alkylation, Mannich reaction, Nitration and Halogenation.

[Further Reading: Student should also read about the interaction of different organic ligands with metals and their possible bonding.]

Aim and Objectives: Students should be able:

i. To understand M-C bond and to define organometallic compounds
ii. To define organometallic chemistry
iii. To understand the multiple bonding due to CO ligand.
iv. To know methods of synthesis of binary metal carbonyls.
v. To understand the structure and bonding using valence electron count (18 ele. rule)
vi. To understand the catalytic properties of binary metal carbonyls.
vii. To understand the uses of organometallic compounds in the homogenous catalysis.
viii. Chemistry of ferrocene

References:

1. Inorganic Chemistry – D.F. Shriver, P.W. Atkins, C.H. Lamgford – Oxoford, 5th Edn., 1994, pp 534-542,553-564.
2. Concise Inorganic Chemistry by J. D. Lee (Relevant pages)
3. General Chemistry by Raymond Chang(Relevant pages)

4. Basic Organometallic Chemistry: Concepts, Syntheses and Applications of Transition Metals (CRC), B. D. Gupta and Anil J. Elias, Universities Press; 2nd Edition, 2013.

2. Homogeneous and Heterogeneous catalysis [10L]

Introduction to Catalysis, basic principles, activity and selectivity in catalysis, Types of catalysis, homogeneous vs. heterogeneous catalysis, importance of catalysis in the synthesis of high value chemicals.

Homogeneous catalysis: catalytic cycles for following reactions: a) Hydrogenation of olefins using Wilkinson complex, b) Hydroformylation of olefins using Cobalt and Rhodium complexes, c) Carbonylation reaction: methanol to acetic acid process i.e. Monsanto processes and d) C-C coupling reactions: Heck reaction. **[References 1 to 3]**

Heterogeneous catalysis: History of the development of industrial heterogeneous catalysis, Classification of heterogeneous catalysts, supported metal catalyst, Role of support, Promoters and Poisons. Catalytic processes viz., a) Hydrogenation of olefins using Raney Nickel catalyst, b) Zeolites in catalysis: Catalytic cracking, c) Biodiesel synthesis using Heteropolyacids (HPAs) d) Automotive Exhaust catalysts: The catalytic converters. **[Reference 5 to 6]**

[Further reading: Student should also read about advanced development in the field of homogeneous and heterogeneous Catalysis.]

Aims and objectives: A student should be able to:

i. Understand the phenomenon of catalysis, its basic principles and terminologies.
ii. Define and differentiate homogeneous and heterogeneous catalysis.
iii. Give examples and brief account of homogeneous catalysts.
iv. Understand the essential properties of homogeneous catalysts-Give the catalytic reactions for Wilkinson's Catalysis, hydroformylation reaction, Monsanto acetic acid synthesis, Heck reaction
v. Understand the principle of heterogeneous catalyst and development in it.
vi. Give examples of heterogeneous catalysts.
vii. Understand the classification and essential properties of heterogeneous catalysts.
viii. Give the brief account of Hydrogenation of olefins , Zeolites in catalysis, biodiesel synthesis, Automotive Exhaust catalysts
ix. Understand the catalytic reactions used in industries around.

References:

1. Homogeneous Catalysis: The Applications and Chemistry of Catalysis by Soluble Transition Metal Complexes, G.W. Parshall and S.D. Ittel, Wiley, New York 1992.

2. Inorganic Chemistry D.F. Shriver and P.W. Atkins, 5th Edn, Oxford University Press, 2010, Chapter 26 pp690-721.
3. Homogeneous Catalysis: Mechanisms and Industrial Applications, S. Bhaduri and D. Mukesh, Wiley, New York, 2000.pp 13-23, 55-61,85-102, 161-163
4. Catalysis: Concepts and Green Applications: Gadi Rothenberg, Wiley-VCH; First edition, 2015 Relevant pages.
5. Heterogeneous catalysis in industrial practice, Chaerls N. Shatterfield, second edition, Krieger Publishing Company, Florida USA pp 1-16, 87-112, 203-205, 222-224.
6. Heterogeneous catalysis by B. Vishwanathan and D. K. Chakrabarty , New Age International Private Limited, 2007 (Relevant pages)

3. Bioinorganic Chemistry [8 L]

I. Introduction, Role of metals in bioinorganic chemistry, Classification as enzymatic and non-enzymatic metals, enzymatic redox metals such as Cu (SOD) and enzymatic non-redox metals such as Zn (Hydrolase). Role of metal ions in non-enzymatic processes-Na, K, Ca, Mg (one example of each and brief discussion). Role of metals in enzymatic processes-Transition metals-Catalase, peroxidase and nitrogenase (Redox active). II. Metalloproteins-Iron proteins-Introduction of Fe-S proteins, Electron transfer proteins (Fe-S, Fe_2S_2, Fe_3S_4, Fe_4S_4). Transport protein (transferrin) and Storage protein (ferritin) III. Bioinorganic Chemistry of Fe: Hemoglobin and myoglobin, its structure and functions and IV. Bioinorganic Chemistry of Co: Vitamin-B_{12}, its structure and function.

[Further Reading: Student should also read about the role of other metals and advanced development in the field of Bioinorganic Chemistry.]

Aims and objective- A student should:

i. Identify the biological role of inorganic ions & compounds.
ii. Know the abundance of elements in living system and earth crust.
iii. Give the classification of metals as enzymatic and non-enzymatic.
iv. Understand the role of metals in non-enzymatic processes.
v. Know the metalloproteins of iron.
vi. Explain the functions of hemoglobin and myoglobin in O_2 transport and storage.
vii. Understand the toxicity of CN- and CO binding to Hb.
viii. Draw the structure of Vit.B_{12} and give its metabolism.

References:

1. Concise Inorganic Chemistry by J.D. Lee - 5th edition, Pages 353, 775, 779, 796-797.
2. Inorganic Chemistry,-D.F. Shiver & P.W. Atkins- C.H. Longford ELBS- 2nd Ed,782-806.

3. Principles of Bioinorganic Chemistry by S. J. Lippard and J. M. Berg, Panima Publishing Corporation, 1st Edn., Pages 1-13, 24, 285-290.

4. Inorganic Polymers [5L]

Introduction, Types of inorganic polymers, comparison with organic polymers, synthesis, structural aspects and applications of silicates, silicones, siloxanes, borazines, and phosphazenes.

Aims and objective: A student should be able to:

i. know thy types of Inorganic polymers
ii. comparison with organic polymers
iii. synthesis, structural aspects of Inorganic polymers
iv. understand the polymers of Si, B, Si and P
v. Inorganic polymers and their use.

References:

1. Inorganic polymer chemistry, Pimpalpure , jain, soni, Sahai, Pragati edition 2012, pages 1-7, 110-129, 179-186, 207-217
2. N. H. Ray, Inorganic Polymers, Academic Press (1978).
3. Inorganic Polymers, Second Edition James E. Mark Harry R. Allcock Robert West Oxford University Press, 2nd Edition, 2005.

5. Inorganic solids/ionic liquids of technological importance [5L]

Inorganic solids, Preparation of inorganic solids: Conventional heat and beat methods, Co-precipitation method, Sol-gel method and Hydro-thermal method. Introduction to Solid electrolytes, inorganic liquid crystals and their examples. Ionic liquids, synthesis and application of imidazolium and phosphonium based ionic liquids.

Further reading: student should also read about the advanced smart materials and green aspects of ionic liquids.

Aims and objective: A student should know:

i. Understand Preparation of inorganic solids by various methods,
ii. Inorganic liquid crystals
iii. Ionic liquids, their preparations, and their significance w.r.t green chemistry.
iv. Technological importance of ionic liquids,

Reference

1. Rodger, G.E. *Inorganic and Solid State Chemistry*, Cengage Learning, 2002.
2. Ionic Liquids: Industrial Applications for Green Chemistry, Robin D. Rogers, Kenneth R. Seddon, American Chemical Society, Washington, DC, USA.pp1-13, 30-41

DSEC-V: CH-605: Inorganic Chemistry -III [Credit -2, 36 L]

Chapter No.	Title of Topic/Chapter	No. of lecture
1	Acid–Base and Donor–Acceptor Chemistry	08
2	Ionic Solids	10
3	Chemistry of Zeolites	08
4	Introduction to Nanochemistry	05
5	Chemical Toxicology	05
	Total	**36**

1. Acid–Base and Donor–Acceptor Chemistry [8 L]

Acid–Base Models as Organizing Concepts, Arrhenius Concept, Brønsted–Lowry Concept, solvent system concept, Lux Flood concept, Lewis Concept, Frontier Orbitals and Acid–Base Reactions, Hard and soft acids and bases, theory of hard and soft acids bases, Acid and base strength (proton affinity, acidity and basicity of binary hydrogen compounds, inductive effects, steric effect, strength of oxy acids, acidity of cations in aqueous solutions, non-aqueous solvents and acid and base strengths, super acids).

Aims and objectives: A student should:

1. Student will learn the concept of acid base and their theories.
2. They will also come to know different properties of acids and bases.
3. Strength of various types acids.
4. How acid and base strengths get affected in non-aqueous solvents.

Reference: Inorganic chemistry, Gary L Messler and Donald A Tar, Third Ed, Pearson publisher, pages: 67-178, 183 – 208.

2. Ionic Solids [10L]

Crystalline and amorphous solids, crystal structures simple cubic, body centered cubic and face centered cubic, Properties of ionic solids, packing arrangements of anions in an ionic solids, Voids in crystal structure- tetrahedral and octahedral, Ionic radius, Palings univalent and crystal radii, Conversion of univalent radii to crystal radii, problems based on conversion of radii, Radius ratio effect, Lattice energy, Born-Lande equation, Born Haber cycle and its applications, Schottky and Frenkel defect.

A student should:

1. Know the nature of solids.
2. Know the crystal structures of solids.

3. Draw the simple cubic, BCC and FCC structures.
4. Identify the C.N. of an ion in ionic solid.
5. Identify the type of void.
6. Know the effect of radius ratio in determining the crystal structure.
7. Be able to define Pauling's univalent radius and crystal radius.
8. Be able to solve simple problems based on Pauling's univalent radii and crystal radii.
9. Know how to draw Born-Haber cycle.
10. Be able to solve simple problems based on Born- Haber cycle.
11. Know the defects in Ionic solids.
12. Be able to differentiate between the defects.

Reference Books:

Ref. 1- Concise Inorganic Chemistry by J.D. Lee - 5th edition. Pages 32-61

Ref .2- Concept and Model of Inorganic Chemistry by Douglas–Mc Daniels - 3rd edition Pp 102-127.

Ref. 3 -New Guide to Modern Valence Theory by G.I. Brown - 3rd edition Pages 55-62

3. Chemistry of Zeolites [8L]

1. Historical Background, Natural and artificial Zeolites,

2. Zeolite Framework Types: Classification, Nomenclature, Database of Zeolite Structures, Channels, Building Units, Natural Tiles, Framework Density, Coordination Sequences

3. Zeolite Structures: Framework Composition, Extra-framework Species, Stacking Faults and Disorder

4. Synthesis of Zeolites: Introduction, Basic Zeolite Synthesis, Mineralizing Agents, Effects of water concentration, Gel preparation and crystallization, Structure Directing Agents (SDA)

5. Applications 1.Zeolites as Heterogeneous Catalysts: Critical Properties for Catalysis, Catalytic Applications, Zeolites for Fine Chemistry: Acylation and Alkylation Aromatic Hydrocarbons, 2. Zeolites for Adsorption and Separations

A student should:

1. Different Zeolite Framework Types and their classification
2. Zeolite synthesis and their structure
3. Application of zeolites

Reference:

1. Zeolites in Catalysis Properties and Applications Edited by Jiri Cejka, Russell E. Morris, Petr Nachtigall, The Royal Society of Chemistry 2017 pp 1-5, 19-25, 37-50, 73-79, 87, 412-414, 418

2. Chemistry of Zeolites and Related Porous Materials: Synthesis and Structure, Ruren Xu, Wenqin Pang, Jihong Yu, Qisheng Huo, Jiesheng Chen, John Wiley & Sons (Asia) Pvt. Ltd, 2007

4. Introduction to Nanochemistry [5L]

Synthesis and Stabilization of Nanoparticles by Chemical Reduction, Reactions in Micelles, Emulsions, and Dendrimers. Photochemical and Radiation Chemical Reduction, Cryochemical Synthesis, Physical Methods. Particles of Various Shapes and Films, Properties and Application of Nanoparticles in Science and Technology (in bief), Applications of CNTs

Reference:

1. Nanochemistry, G.B.Sergeev, Elsevier, 2006, pp 7-36, 175-83,199-201
2. The Chemistry of Nanomaterials C. N. R. Rao, A. Muller, A. K. Cheetham (Eds.) WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim, 2004. (Relevant pages)

A student should:

1. Various methods of nanoparticle synthesis
2. Stabilization of Nanoparticles in solution
3. Properties and Application of Nanoparticles
4. Know about carbon nanotube and its application

5. Chemical Toxicology [5L]

Toxic chemicals in the environment, Impact of toxic chemistry on enzymes. Biochemical effect of Arsenic, Cadmium, Lead and Mercury. Biological methylation.

A student should be able -

i) To know toxic chemical in the environment.

ii) To know the impact of toxic chemicals on enzyme.

iii) To know the biochemical effect of Arsenic, Cd, Pb, Hg.

iv) To explain biological methylation.

Reference:

i) Fundamental Chemistry by A. K. De (3rd Ed.)

ii) Environmental chemistry by A.K.De Publisher- Wiley Eastern Limited New Age International Limited Page No. 75-100.

DSEC-V: CH-606: Inorganic Chemistry Practical-II [Credit -2, 73 L]

Total 12 Experiments to be performed.

A. Volumetric Estimations (Any 3)

1. Analysis of Phosphate (PO_4^{3-}) from Fertilizer. (Ref-1)
2. Analysis of Iodine from Iodized salt.(Ref-2)

3. Strength of medicinal H_2O_2. (Ref-1)
4. Analysis of Calcium from milk powder. (Ref-1)
5. Analysis of Cu from Cu-Fungicide. (Ref-1)

B. Flame Photometry (Any 3) (Ref-1)

1. Estimation of Na by flame photometry by calibration curve method.
2. Estimation of Na by flame photometry by regression method.
3. Estimation of K by flame photometry by calibration curve method.
4. Estimation of K by flame photometry by regression method.

C. Column Chromatography (any 1) (Ref-1)

1. Purification of water using cation/anion exchange resin and analysis by qualitative analysis /conductometry.

D. Nanomaterial synthesis (Any 1) (Ref-3, 4)

1. Synthesis of Silver nanoparticles.
2. Synthesis of ZnO nanoparticles.

E. Verification of periodic trends using solubility of alkaline earth metal hydroxides $Ca(OH)_2$, $Mg(OH)_2$, $Cr(OH)_2$, $Ba(OH)_2$. (Ref-1)

F. Synthesis of amine complexes of Ni(II) and its ligand exchange reaction (bidentate ligands like acac, DMG, Glycine) by substitution method.

OR

Determination of the Metal to ligand ratio (M : L) in complexes. (Ref-5)

G. Solvent free microwave assisted one pot synthesis of pthalocynin copper (II) complex.

OR

Fenton reaction: Degradation of H_2O_2 using Fe catalyst. (Ref-6)

H. Table work: Band gap calculation for the nanomaterial TiO_2/ SnO_2/ ZnO from its electronic spectra (UV-Visible). (Ref-3, 4)

References:

1: Vogel's textbook of Inorganic Quantitative Analysis, Jeffery, Basset, Mendham Deney, 5th Ed, Longman Scientific Technical, USA (copublished with John Wiley Sons)

2: General Chemistry Experiment – Anil J Elias (University press).

3: Nanotechnology: Principles and Practices by Dr.Sulbha Kulkarni. Third Edition,Springer

4: A laboratory course in nanoscience and nanotechnology, Dr. Gerrad Eddy Jai Poinem, CRC press

5: Experimental Inorganic Chemistry, Mounir A. Malati, Horwood Series in Chemical Science (Horword Publishing, Chichester) 1999.

6: Environmental Chemistry Microscale Laboratory Experiments, Jorge G.Ibanez Margarita Hemandez-Esparza Carmen Doria-Serrano Arturo Fregoso-Infante, Springer

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Structure of Practical Examination [35 Marks; Time: 3 hours]

Q1. Expt. A/ B/ C/ D/ E/ F/ G/ H ……...30 M

Q2. Viva-Voce ……...05 M

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DSEC-VI: CH-607: Organic Chemistry-II [Credit -2, 36 L]

Chapter No.	Title of Topic/Chapter	No. of lecture
1	Introduction to Spectroscopy	03
2	Ultra Violet and Visible Spectroscopy	06
3	Infra-Red Spectroscopy	08
4	Nuclear Magnetic Resonance Spectroscopy (PMR)	10
5	Combined problems based on U.V., I.R. and PMR spectroscopy	05
6	Stereochemistry of Disubstituted Cyclohexane and Decalin	04
	Total	**36**

1: Introduction to Spectroscopy [03 L]

Introduction, meaning of spectroscopy, Types of spectroscopy, nature of electromagnetic radiation and regions of electromagnetic spectrum, Terms used in spectroscopy; wavelength, amplitude, frequency, wavenumber, energy and their relations and conversions Ref 2: Page Nos. 43-55 Chapter

2: Ultra Violet and Visible Spectroscopy [06 L]

Introduction, Electromagnetic radiations, electronic transitions, λmax & εmax, chromophore, auxochrome, bathochromic and hypsochromic shifts, Application of visible, ultraviolet spectroscopy in organic molecules. Application of electronic spectroscopy and Woodward rules for calculating l max of conjugated dienes and α, β – unsaturated compounds. Ref 1: Page Nos.367-398

3: Infra-Red Spectroscopy [08 L]

Introduction, Infrared radiation and types of molecular vibrations, functional group and fingerprint region. Infra-red spectroscopy in organic molecules, IR spectra of alkanes, alkenes and simple alcohols (inter and intramolecular hydrogen bonding), aldehydes, ketones, carboxylic acids and their derivatives (effect of substitution on >C=O stretching absorptions). Ref 1: Page Nos 26-93

4: Nuclear Magnetic Resonance Spectroscopy (PMR) [10 L]

Introduction, Principles, Magnetic and nonmagnetic nuclei, nuclear resonance, chemical shift, shielding, & deshielding effect. Measurement of chemical shift, TMS as reference and its advantages, peak area, integration, spin-spin coupling, coupling constants, J-value , problems

based on NMR. Ref 1: Page Nos.108-175 and 225-366 Chapter 5: Combined Problems Based on U.V., I.R. and PMR Spectroscopy. [05 L] Ref 1: Page Nos. 501 to 567

5:Combined problems based on U.V., I.R. and PMR spectroscopy. [05 L]

Ref 1: Page Nos. 501 to 567

6: Stereochemistry of Disubstituted Cyclohexane and Decalin [04 L]

Recapitulation, Geometrical and optical isomerism of 1,3- dimethyl and 1,4-dimethyl cyclohexane with their stability and energy calculations. Conformations of decalin and their stability.

Ref.19: Pages 94, 213 - 216, 250. Ref.20: Pages 243 – 250, 289-292.

References:

1. Pavia D.L.; Lampman G.M. Kriz G. S.; Vyvyan J.R. Spectroscopy, First Indian Reprint 2008 : Brooks/Cole CENGAGE Learning.
2. Silverstein and Basallar: Spectroscopic Identification of Organic Compounds.
3. M. Parikh :Absorption Spectroscopy Organic Compounds (John Wiley)
4. P. S. Kalsi : Spectroscopy of organic compounds (New Age)
5. J. R. Dyer: Application of absorption spectroscopy of organic compounds.
6. V. M. Parikh:Application spectroscopy of Organic molecules. (Mehata)
7. D.W. Williams and Flemming: Spectroscopic methods of Organic compound.
8. Jackman and Stermineil: Application of NMR spectroscopy
9. J. D. Roberts:Nuclear magnetic resonance (J. Wiley)
10. Jaffe and Orchin: Theory and application of U. V.
11. K. Benjamin: Mass spectroscopy
12. Budsikiewicy et al.: Mass spectroscopy.
13. Beynon J H et al: The mass spectra of organic molecules.
14. W. Kemp: Organic spectroscopy ELBS
15. Atherben; Electron spin resonance
16. Das and Jame: Mass Spectroscopy.
17. Eliel: Stereochemistry of Organic Compounds, Tata Mc Graw Hill, 1989
18. D. Nasipuri: Stereochemistry of Organic Compounds- Principles and Applications, New Age International Publishers, 3rd edition.

Learning Outcomes

Chapter 1 to 5: Organic Spectroscopic Methods in Structure Determination. (Chapter 1-5)
Students will learn the interaction of radiations with matter. They will understand different regions of electromagnetic radiations. They will know different wave parameters.

1. Students will learn the principle of mass spectroscopy, its instrumentation and nature of mass spectrum.
2. Students will understand the principle of UV spectroscopy and the nature of UV spectrum. They will learn types of electronic excitations.
3. Students will be able to calculate maximum wavelength for any conjugated system. And from the value of λ-max they will be able to find out the extent of conjugation in the compound.
4. Students will understand the principle of IR spectroscopy, types of vibrations and the nature of IR spectrum.
5. From the IR spectrum, they will be able to find out IR frequencies of different functional groups. And thus, they will be able to find functional groups present in the compound.
6. Students will understand the principle of NMR spectroscopy and will understand various terms used in NMR spectroscopy. They will learn measurement of chemical shift and coupling constants.
7. Students will be able to interpret the NMR data and they will be able to use it for determination of structure of organic compounds.
8. Students will be able to determine the structure of simple organic compounds on the basis of spectral data such as λ max values, IR frequencies, chemical shift (δ values).

Chapter 6: Students should be able to learn

1. The use of models to draw different types of disubstituted cyclohexanes in chair form
2. The geometrical isomerism in disubstituted cyclohexanes
3. The stability, energy calculations and optical activity of these conformers
4. The use models and to draw different types of conformational isomers of decalin in chair form
5. To know the stability of geometrical isomers of decalin

DSEC-VI: CH-608: Organic Chemistry-III [Credit -2, 36 L]

Synthetic Organic Chemistry

Chapter No	Chapter	No of Lectures
1	Retrosynthetic Analysis and Applications	06
2	Organic Reaction Mechanism and Synthetic Applications	12
3	Reagents in Organic Synthesis	10
4	Natural Products	08

1. Retrosynthetic Analysis and Applications [06 L]

Introduction, Different terms used – Disconnection, Synthons, Synthetic equivalence, FGI, TM. One group disconnection, Retrosynthesis and Synthesis of target molecules: Acetophenone, Crotonaldehyde, Cyclohexene, Benzylbenzoate, and Benzyl diethyl malonate.

Ref 1: *Page Nos. 1-34* ***Ref. 2:*** *Page Nos. 694-722*

2. Organic Reaction Mechanism and Synthetic Applications [12 L]

1. Chemistry of reactive intermediates (carbocations, carbanions, free radicals, carbenes, nitrenes, benzynes etc…);
2. Wolff rearrangement (Step up),
3. Hofmann rearrangement (Step down),
4. Simmons-Smith reaction,
5. Michael reaction,
6. Wittig reaction and McMurry reaction,
7. Diels-Alder reaction,
8. Functional group interconversions and structural problems using chemical reactions.

Ref 2 *Page Nos. 1021-1022,* *1009-1018, 500, 237-238, 982-983, 877-893*

3. Reagents in Organic Synthesis [10 L]

Reagents- Preparation and Applications of following reagents.

Reducing Reagents: ***Ref 2*** *Pages Nos. 226, 828, 131-132, 26, 39, 537*

Lithium aluminium hydride $LiAlH_4$, $NaBH_4$, DIBAL-H, $Li(tBuO)_3AlH$ & Raney Nickel.

Oxidizing Reagents: ***Ref. 2*** *Page Nos. 545, 1123-1126, 919, 764*

1. DMSO either with DCC or Ac_2O, Dess Martin reagent, Osmium tetroxide, Selenium dioxide-(SeO_2), DDQ.

4. Natural Products [08 L]

Ref 2: *Page Nos. 1413-1447*

Terpenoids: Introduction, Isolation, Classification. Citral- structure determination using chemical and spectral methods, Synthesis of Citral by Barbier and Bouveault Synthesis.

Alkaloids: Introduction, extraction, Purification, Some examples of alkaloids and their natural resources. Ephedrine- structure determination using chemical methods.Synthesis of Ephedrine by Nagai.

Reference:

1.Designing Organic Synthesis by Stuart Warren 1983.

2.Organic Chemistry by Clayden, Greeves, Warren and Wothers.Second edition.

3.Organic Chemistry by I. L. Finar Vol. II Edn.V.

4.Organic Chemistry by Morrison and Boyd. VI Edn.

A Guidebook to Reaction Mechanism by Peter Sykes VI Edn.

DSEC-VI: CH-609: Organic Chemistry Practical-II [Credit -2, 73 L]

Total 12 Experiments to be performed

A) Interpretation of IR and NMR spectra (2 Experiments of each type)

1. Determination of functional group of organic compound from given IR spectra.
2. Determination of structure of organic compound from given NMR spectra.

(Ethyl alcohol, Cis-2-butene, Trans-2-butene, Benzoic acid, Propanaldehyde, Ethyl methyl ether, 1 Butyne, Ethyl acetate, Propyl Cyanide, Salicylic Acid, Nitro phenols, Isopropyl benzene, Propanamine, Benzamide, n-Pentane, 2-chloro butane, Acetophenone)

B) Organic Estimations (Any Three)

1. Estimation of glucose
2. Estimation of glycine
3. Saponification value of oil
4. Estimation of Alkali content in Antacid using HCl.

C) Organic Extractions (Any Three)

1. Caffeine from tea leaves
2. Eugenol from cloves
3. Lycopene from tomato peels
4. Cinnamic acid from cinnamon
5. Trimyristin from nutmeg

D) Column chromatography

1. Separation of mixture of aldehyde and carboxylic acid by column chromatography
2. Separation of mixture of O-nitrophenol and P-nitrophenol by column chromatography

Learning Outcomes:

A) Interpretations of IR and PMR Spectra The students will be able to

1. Explain “fingerprint region” of an infrared spectrum can used in the identification of an unknown compound.
2. Identify the functional group or groups present in a compound.
3. Identify the broad regions of the infrared spectrum in which occur absorptions caused by N−H, C−H, and O−H, C≡C and C≡N, C=O, C=N, and C=C.
4. Understand use NMR spectra to determine the structures of compounds.
5. Interpret integration of NMR spectra
6. Calculate coupling constants from 1 H NMR spectra.
7. Interpret elemental analysis technique

B) Organic Estimations The students will be able to

1. Practical knowledge of handling chemicals.
2. Achieve the practical skills required to estimations of glucose and glycine.
3. Achieve the practical skills required to Saponification value of oil.
4. Determine the molecular weight of given tribasic acids.

C) Organic Extractions The students will be able to

1. Apply the principles of extraction
2. Understand the equipment for extraction.
3. Gain practical hands-on experience of modern Extraction.
4. Develop basic design of extractor
5. Describe the extraction separation process.

D) Column chromatography The students will be able to

1. Defines the basic parameters in chromatography
2. Explain the processes of a chromatography analysis
3. Describes the types and materials of column.
4. Explains the types of mobile phase and elution.
5. Realize the selection of appropriate mobile phase, column and detector

SEC-III: CH-610: Skill Enhancing Course-III [Credit -2, 36 L]

Choose one out of the two options, A and B.

CH-610 (A) : Chemistry of Soil and Agrochemicals

Chapter No	Name of the Topic	Number of lectures
1	Soil Chemistry	6
2	Problematic Soil and Soil testing	6
3	Laboratory Methods of Soil Analysis	12
4	Fertilizers and Manures	6
5	Protection of Plants	6
	Total Lectures	**36**

1. Soil Chemistry (6 L)

1.1 Role of agricultural chemistry

1.2 Introduction to soil chemistry, definitions of soil, Soil components- Mineral component, organic matter or humus, soil atmosphere, soil water, soil microorganism.

1.3 Physical properties of soil- Soil texture, soil structure, soil colour, soil temperature, soil density, porosity of soil.

1.4 Surface soil and sub-soil, Functions of soil.

1.5 Chemical properties of soil - Soil reactions, importance of soil reaction, factors controlling soil reactions,

1.6 Buffer action, buffering capacity, importance of buffer reaction in agriculture, ion exchange and importance of ion exchange.

Ref 1- Pages 8-12, 92-94, 98-113, 116-146

Ref 3 - Pages 28-50

Ref 12 - Pages 211-224, 228-234

Ref 17 - Pages 49-56, 295-308, 357-370

2. Problematic Soil and Soil testing (06 L)

2.1 Introduction to problematic soils.

2.2 Acid soils- formation of acid soil, effect of soil acidity on plant, reclamation of acidic soil, application of lime in improving the acidity of soil, lime requirements.

2.3 Alkali Soil- formation of alkali soil, reclamation of alkali soil.

2.4 Classification of alkali soil- saline soil, alkali soil, saline alkali soil, non-saline alkali soil.

2.5 Soil testing - Introduction, different methods of soil fertility evaluation.

2.6 Objectives of soil testing.

Ref 1- Pages 345-370

Ref 3 - 301-312

Ref 4 – Pages 135-147, 150-159

Ref 12 - Pages 237-246, 337-353

3. Laboratory Methods of Soil Analysis (12 L)

3.1 Collection of soil Samples from field.

3.2 Soil sample preparation for analysis of various parameters.

3.3 Digestion and Extraction Procedures for soil.

3.4 Project/ Hands on training of Analysis of various parameters of soil and writing project on it.

(**Note: Students can perform minimum six experiments out of eight in the laboratory with the help of teacher and write report on it and submit to subject teacher. It is considered for internal marks of this course**).

1. Determination of pH of soil
2. Determination of EC and TDS of soil
3. Determination of soil organic matter of soil.
4. Determination of available nitrogen in soil.
5. Determination of available phosphorus from soil.

6. Determination of calcium and magnesium from soil by EDTA method.
7. Determination of sodium and potassium by flame photometry method.
8. Determination of carbonate and bicarbonates from soil.
9. Calculate the RSC, SAR, SSP, Salinity of soil. Interpretation of soil data and recommendations for soil use.

Ref 23 pages 11-160

Ref 25 pages 17-104

4. Fertilizers and Manures (06 L)

Fertilizers

4.1 Introduction, Classification of nitrogenous fertilizers, reaction of ammonium sulphate, urea as a fertilizer in soil.

4.2 Nano fertilizers- Nano-Fertilizers for Sustainable Crop Production, Nano urea- preparation, forms and application of nano urea.

4.3 Phosphatic fertilizers- Classification of phosphatic fertilizers, reactions of superphosphate as a fertilizer in soil.

4.4 Potassic fertilizers - Classification of potassic fertilizers, reactions of potash fertilizer in soil.

4.5 Complex fertilizers- Characteristics, advantages and disadvantages,

4.6 Mixed fertilizers - Characteristics, advantages and disadvantages.

4.7 Time and mode of applications of fertilizers in the solid and liquid form to plants.

4.8 Factors affecting efficiency of fertilizers.

Manures

4.9 Introduction, Definition and classification of manures.

4.10 Effect of bulky organic manures on soil.

4.11 Farm yard manures (FYM), improved methods of handling FYM- Trench method for FYM, Factors affecting the composition of FYM, losses during the handling and storage of FYM, Gober gas-compost plant - construction and advantages.

4.12 Biofertilizers - Definition, classification, role & advantages.

4.13 Vermicompost - Preparation, effect of vermicompost on soil fertility.

Ref 2- Pages 205-213,

Ref 3- Pages 90-112, 137-149

Ref 5 Pages Relevant pages

Ref 12 – Pages 263- 275, 280-290,

Ref 18 – URL: Attached in reference.

Ref 19 - URL: Attached in reference.

Ref 20 URL: Attached in reference.

5. Protection of Plants (06 L)

5.1 Classification of pesticides.

5.2 Insecticide- Definition, Classification on the basis of mode of action and chemical properties.

5.2.1 Inorganic insecticides - plants or animal origin insecticides- nicotine, pyrethrum, rotenone.

5.2.2 Synthetic organic insecticides – a) Organochlorine insecticides - DDT, BHC, Aldrin and dieldrin. b) Organophosphorus insecticides – Parathion, Malathion, c) Carbamate insecticides – Carbaryl, Baygon.

5.3 Fungicide – Definition and Classification of fungicides.

5.3.1 Inorganic fungicide- Copper fungicides a) Bordeaux mixture, b) Copper oxychloride.

5.3.2 Organic fungicides- Dithiocarbamate, Quinone fungicides, Heterocyclic fungicides.

5.3.3 Synthetic fungicides.

5.4 Herbicides- Definition, Classification on the basis of mode of action- Selective and non-selective herbicides, classification based on their effect on weeds- contact, systemic herbicides. Classification on the basis of their chemical structures.

5.5 Nano pesticides: Its Scope and Utility in Pest Management

Ref 6 - Relevant Pages

Ref 13 – Pages 80-177,

Ref 14 – Pages 73-110,

Ref 15 – Chapter 3 Pages 1-45

Ref 16 Pages 2-16,

Ref 19 URL: Attached in reference.

Ref 21 URL: Attached in reference.

Learning Objectives:

1) Know the different components and properties of soil.
2) Know classification of soil on the basis of pH.
3) Identify the problematic soil and recommend method for their reclamation.
4) Know the different plant nutrients required for plants and their functions.
5) Know the role of various fertilizers and manures required for plant growth.
6) Know the various methods and their techniques in analysis of soil.
7) Know importance of manures as compared to chemical fertilizers.

8) Know various techniques to protect the plants.
9) Have the knowledge of various pesticides, insecticides, fungicides and herbicides.

Course Outcomes:

After studying this course, student is expected to

1) Understood various components of soil and soil properties and their impact on plant growth.
2) Understood the classification of the soil.
3) Explores the problems and potentials of soil and decide the most appropriate treatment for land use.
4) Understood the Reclamation and management of soil physical and chemical constraints.
5) Useful in making decisions on nutrient dose, choice of fertilizers and method of application etc. practiced in crop production.
6) Got experience on advanced analytical and instrumentation methods in the estimation of soil.
7) Understood various Nutrient management concepts and Nutrient use efficiencies of major and micronutrients and enhancement techniques.
8) Proper understanding of chemistry of pesticides will be inculcated among the students.
9) Imparts knowledge on different pesticides, their nature and, mode of action and their fate in soil so as to monitor their effect on the environment.

Reference Books

1. A text book of soil science (Revise Edition) J. A. Daji. Revised by J. R. Kadam, N. D. Patil, Media promoters and publishers, Mumbai, 1996.
2. Text book of soil science, T. D. Biswas, S. K. Mukherjee, 2nd ed. Tata McGraw Hill Publishing company, New Delhi, 2017.
3. Introduction to Agronomy and soil, water management, V. G. Vaidya, K. R. Sahashtrabuddhe, (Continental Prakashan).
4. Principals of soil science, M. M. Rai, 4th ed. Million complex of India, Bombay, 1977.
5. Manures and fertilizers (12th ed.), K. S. Yawalkar, J. P. Agarwal and Bokde, Agri-horticulture publishing house, Nagpur, 2016.
6. Chemistry of insecticides and fungicides, U.S. Sreeramula (2nd ed.), oxford and IBH Publishing company, New Delhi.
7. Fundamentals of soil sciences, Henry D. Foth, 8th ed. John Wiley and Sons, 1990. Book Soft copy URL: https://1lib.in/book/634160/343570

8. Soil, Plant, Water and fertilizer analysis, P. K. Gupta, 2nd ed. Agrobios Publication, Jodhpur, India. Book Soft copy URL: https://content.kopykitab.com/ebooks/2016/06/7111/sample/sample_7111.pdf
9. Handbook of Biofertilizers and biopesticides, A. M. Deshmukh, R. M. Khobragade and P. D. Dixit, Oxford Book Company, Jaipur, India 2007. Book Soft copy URL: https://1lib.in/book/961124/8ecdcd
10. Essential Plant Nutrients uptake use efficiency and Management, M. Naeem, Abid A. Ansari, Sarvajeet Singh Gill Editor, Springer International Publishing AG, 2017. Book Soft copy URL: https://1lib.in/book/3376008/16ba17
11. The Use of Nutrients in crop plants, N.K. Fageria, CRC Press, Taylor and Francis Group, LLC, 2009. Book Soft copy URL: https://1lib.in/book/550595/3a2232
12. Agronomic Handbook – Management of crops, soils and their fertility, J. Benton Jones, Jr. CRC Press LLC, Washington D.C. 2003. Book Soft copy URL: https://1lib.in/book/946311/37a879
13. The chemistry of Organophosphorus Pesticide, Christa Fest, Karl-Julius Schmidt, 2nd revised ed., Springer, Verlag Berlin Heidelberg, New York, 1982. Book Soft copy URL: https://1lib.in/book/2137868/423f0a
14. Chemical Pesticide - Mode of action and Toxicology, Jorgen Stenersen, CRC Press, 2004. Book Soft copy URL: https://1lib.in/book/550607/97f6b8
15. Agrochemical and Pesticide safety Handbook, Michel F. Waxman, CRC Press, 1998. Book Soft Copy URL: https://1lib.in/book/2061906/6282cc
16. Basic Guide to Pesticides: Their Characteristics and Hazards, Shirley A. Briggs, Rachel Carson Council, First Edition, CRC Press, Taylor and Francis Group, 2017. Book Soft copy URL: https://1lib.in/book/3580723/94db6c
17. Principles of Soil Chemistry, Kim H. tan, 4th ed. revised and expanded, Marcel Dekker AG, New York, 1998. Book Soft copy URL: https://1lib.in/book/2572952/f500e1
18. Nano fertilizers, Nano Urea- URL: https://www.iffco.in/
19. Nano fertilizers & Nano Pesticides, URL: https://www.sciencedirect.com/science/article/pii/S0570178320300440 , https://www.sciencedirect.com/science/article/pii/B9780128200926000124
20. Biofertilizers, URL: https://www.sciencedirect.com/topics/agricultural-and-biological-sciences/biofertilizers , https://agritech.tnau.ac.in/ta/org_farm/orgfarm_biofertilizers.html, https://en.wikipedia.org/wiki/Biofertilizer
21. Nano Pesticides, URL: https://link.springer.com/article/10.1007/s10311-016-0600-4

22. A Practical Course in Agricultural Chemistry, D. W. Gilchrist Shirlaw and J. E. Nichols, First ed. Pergamon Press Ltd. Headington Hill Hall Oxford4 & 5 Fitzroy Square, London. 1967. Book Soft copy URL: https://1lib.in/book/2275633/04aec0
23. Laboratory Guide for Conducting Soil Tests and Plant Analysis, J. Benton Jones Jr. CRC Press, 2001. Book Soft copy URL: https://1lib.in/book/665386/63e6f0
24. Agricultural Chemistry, First Edition, R. P. Dhok, Amazon Digital Services, LLP-KDP E Book, US. 2021. Book Soft copy URL: https://drive.google.com/file/d/1gnvIAzdN0aaZtKbX6TY9UZ2PC7M3ANN9/view?usp=sharing
25. Methods in Agricultural Chemical Analysis: A Practical Handbook: N.T. Faithfull, CABI Publishing, 2002, Book Soft copy URL: https://1lib.in/book/917802/0b4a71

CH-610 (B) Introduction to Forensic Chemistry

Chapter No	Name of the Topic	Number of lectures
1	History of Development of Forensic Science in India	10
2	Introduction to Narcotics Drugs and Psychotropic Substances	10
3	Analysis of Narcotics Drugs and Psychotropic Substances	16
	Total Lectures	**36**

1. History of Development of Forensic Science in India [10 L]

Functions of forensic science. Historical aspects of forensic science. Definitions and concepts in forensic science. Scope of forensic science. Need of forensic science. Basic principles of forensic science. Frye case and Daubert standard. Work nature of forensic science. Qualifications of forensic scientists. Duties & Code of conduct for forensic scientists.

Learning Objectives: After studying this paper the students will know –

a. The significance of forensic science to human society.

b. The fundamental principles and functions of forensic science.

c. The work nature in a forensic science laboratory.

d. Encourage academic students towards the noble career

Suggested Readings

1. B.B. Nanda and R.K. Tiwari, *Forensic Science in India: A Vision for the Twenty First Century*, Select Publishers, New Delhi (2001).

2. M.K. Bhasin and S. Nath, *Role of Forensic Science in the New Millennium*, University of Delhi, Delhi (2002).

3. S.H. James and J.J. Nordby, *Forensic Science: An Introduction to Scientific and Investigative Techniques*, 2nd Edition, CRC Press, Boca Raton (2005). Page No : 1-13, 243-260, 667-678

4. W.G. Eckert and R.K. Wright in *Introduction to Forensic Sciences*, 2nd Edition, W.G. Eckert (ED.), CRC Press, Boca Raton (1997). Page No: 11-78

5. R. Saferstein, *Criminalistics*, 8th Edition, Prentice Hall, New Jersey (2004).Page No 5-29

6. W.J. Tilstone, M.L. Hastrup and C. Hald, *Fisher's Techniques of Crime Scene Investigation*, CRC Press, Boca Raton (2013) Page No : 26-149

7. Directorate of Forensic Science services (DFSS) http://dfs.nic.in/index.html

2. Introduction to Narcotics Drugs and Psychotropic Substances [10 L]

Definition of narcotics drugs and psychotropic substances. Broad classification – Narcotics, stimulants, depressants and hallucinogens. General characteristics and common example of each classification. Natural, synthetic and semi-synthetic narcotics drugs and psychotropic substances. Designer drugs. Tolerance, addiction and withdrawal symptoms of narcotics, drugs and psychotropic substances. Introduction to NDPS Act-1985 and awareness about Punishment for Offences.

3. Analysis of Narcotics Drugs and Psychotropic Substances [16 L]

Crime scene search for narcotic drugs and psychotropic substances – searching a suspect, searching a dwelling, searching a vehicle. Clandestine drug laboratories. Collection and preservation of drug evidence. Testing of narcotics drugs and psychotropic substances. Isolation techniques for purifying narcotics drugs and psychotropic substances – thin layer chromatography, gas-liquid chromatography and high performance liquid chromatography. Presumptive and screening tests for narcotics drugs and psychotropic substances. Microcrystalline testing of Drug Abuse and Illicit Trafficking. Analysis of narcotics drugs and psychotropic substances in urine, and antemortem blood & in postmortem blood. Dope tests.

Learning Objectives: After studying this paper the students will know –

a. The forensic identification of illicit liquors.

b. The classification and characteristics of the narcotics, drugs and psychotropic substances.

c. The menace of designer drugs.

d. The methods of identifying of narcotics, drugs and psychotropic substance

Suggested Readings

1. R. Saferstein, *Criminalistics*, 8th Edition, Prentice Hall, New Jersey (2004). Page No 10-26

2. S.B. Karch, *The Pathology of Drug Abuse*, CRC Press, Boca Raton (1996). Page No: 429-638

3. A. Poklis, Forensic toxicology in, *Introduction to Forensic Sciences*, 2nd Edition, W.G. Eckert (Ed.), CRC Press, Boca Raton (1997).Page No : 116-141

4. W.J. Tilstone, M.L. Hastrup and C. Hald, Fisher's, *Techniques of Crime Scene Investigation*, CRC Press, Boca Raton (2013). Page No 323-337

5. THE NARCOTIC DRUGS AND PSYCHOTROPIC SUBSTANCES, ACT, 1985 https://legislative.gov.in/sites/default/files/A1985-61.pdf

6. THE NARCOTIC DRUGS SUBSTANCES AND PSYCHOTROPIC RULES, 1985 https://dor.gov.in/sites/default/files/Narcotic-Drugs-and-Psychotropic-Substances-Rules-1985_0.pdf

6. National Policy on NDPS Govt. of India https://dor.gov.in/narcoticdrugspsychotropic/national-policy-ndps

7.National Policy on NDPS & Punishment for Offences https://dor.gov.in/narcoticdrugspsychotropic/punishment-offences

8. J.W. Robinson, *Undergraduate Instrumental Analysis*, 5th Edition, Marcel Dekker, Inc., New York (1995). Page No : 721-797

9. Analytical Techniques in Forensic Science Rosalind Wolstenholme, Sue Jickells, Shari Forbes, edition first edition 2021 John Wiley & Sons Ltd Page No; 51-68

10. FORENSIC ANALYTICAL TECHNIQUES Barbara Stuart University of Technology, Sydney, Australia, first edition 2013 John Wiley & Sons, Ltd. 143-166

SEC-IV: CH-610: Skill Enhancing Course-IV [Credit -2, 36 L]

Choose one out of the two options, A and B.

CH-611(A): Analytical Chemistry-II

Chapter No.	Title of Topic/Chapter	No. of lecture
1	Solvent extraction	08
2	Instrumental Methods of Chromatographic Analysis	04
3	High Performance Liquid Chromatography	06
4	Gas Chromatography	06
5	Atomic Absorption Spectroscopy	08
6	Flame Emission Spectroscopy	04
	Total	**36**

1. Solvent extraction (8 L)

Introduction to solvent extraction, organic phase, Partition the theory of extraction (distribution coefficient, Distribution ratio, solute remaining unextracted, Separation coefficient), Factors favoring solvent extraction, Quantitative treatment to solvent extraction equilibrium, Ion association complexes, synergic extraction, some extraction reagent specifically used for inorganic ions (Acetylacetone, 8-Hydroxyquinoline, Diphenylthiocarbazone, Sodium diethyldithiocarbamate, Ammonium pyrrolidine dithiocarbamate), some practical aspects, Applications: determination of copper as the diethyldithiocarbamate complex, Determination of Fe(III) with 8-hydroxyquinoline, determination of nickel by synergistic extraction. Solid phase extraction (Ref-3) Numericals; **Key Reference-2**: 242- 253, [Supplementary Ref-3: 579-593]

2. Instrumental Methods of Chromatographic Analysis (4 L)

Principles of Chromatographic Separations, classification, Theory of Column Efficiency in Chromatography, (theoretical plate, rate theory of chromatography - the Van Deemter equation, efficiency and particle size in HPLC, retention factor efficiency and resolution,

Key Reference -4: 603-617, Supplementary reference-3: 547-556.

3. High Performance Liquid Chromatography (6 L)

Introduction, Types of liquid chromatography (liquid-solid, liquid-liquid, bonded phases), Choice of mode of separation, Equipment for HPLC: mobile phase, sample injection and column design (mobile phase, optimization of mobile phase, gradient elution, solvent delivery and sample injection, sample injection system, the column (effect of column length and column diameter), Choosing the Detector, Ultraviolet detector, Luminescence detector, RI detector, electrochemical detector, Column efficiency, HPLC chromatogram and its characteristics (retention time, peak height, peak area), method of quantitative analysis by HPLC, Example: determination of aspirin, phenacetin and caffeine in a mixture, numerical, **Key Reference -2:** 289-315, [Supplementary reference - Ref-3: 649 – 724, Ref-6: 1-325 -relevant part

4. Gas Chromatography (6 L)

Introduction, Apparatus: A supply of carrier gas from a high-pressure cylinder, Sample injection system and derivatization, the column (Packed columns, Open tubular columns), the detector (properties, hot wire detector or TCD, FID, ECD), Quantitative analysis by GC (Area normalization method and internal standard addition method), Elemental analysis, numerical

Key Reference-2: 317- 337, [Supplementary reference - 7: 1-209 (relevant part)]

5. Atomic Absorption Spectroscopy (8 L)

Introduction, Elementary theory, Instrumentation, flames, the nebulizer-burner system, non-flame techniques, (graphite furnace, cold vapour technique), resonance line sources, monochromator, detectors, interferences, chemical interferences, background correction

methods, Atomic absorption spectrophotometers, Experimental preliminaries (calibration curve methods, standard addition method) Preparation of sample (wet ashing, fusion, Dry ashing, microwave dissolution, concentration procedures), Detection limits, Estimation of Ca and Mg in water.

Key Ref-2: 612 – 643

6. Flame Emission Spectroscopy (4 L)

Introduction, emission spectra, flame emission spectroscopy, flame photometers. Evaluation methods, calibration curve procedure, the standard addition technique, Applications: determination of alkali metals by flame photometry, determination of trace elements in contaminated soil by AAS. Numerical,

Key Reference-2: 645-649, 655-656

References:

Ref-1: Vogel's textbook of Inorganic Quantitative Analysis, Jeffery, Basset, Mendham Deney, 5th Ed, Longman Scientific Technical, USA (copublished with John Wiley Sons)

Ref-2: Vogel's textbook of Inorganic Quantitative Analysis, Mendham, Deney Barnes, 6th Ed, Pearson education

Ref-3: Analytical Chemistry by G. D. Christian, et al , Wiley, 6th Ed.

Ref-4: Principles of Instrumental Analysis: Holler, Skoog, Crouch 6th Ed. Thomson Publication

Ref-5: Modern Analytical Chemistry, David Harvey, Mc-Graw Hill Higher education

Ref-6: High performance Liquid Chromatography, (Analytical Chemistry through open learning series) Second Ed, Sandie Lindsay, Wiley

Ref-7: Gas Chromatography, (Analytical Chemistry through open learning series) 2nd Ed, Ian A. Fowlis, Wiley

Course outcome: After completion of the course student should able to

1. Define basic terms in solvent extraction, basics of chromatography, HPLC, GC, and AAS and AES. Some important terms are: solvent extraction, aqueous and organic phase, distribution ratio and coefficient, solute remain unextracted, percent extraction, ion association complex, theoretical plate, HETP, retention time, selectivity, resolution, stationary phase, normal and reverse phase, ion exchange, column efficiency, carrier gas, split and spitless injection, packed column, tubular column, atomic absorption and emission spectroscopy, electronic excitation in atoms, nebulization, atomization, reduction of metal ions in flame, absorbance by atoms in flame, flame atomizers, furnace atomizers, interference in AES and FES, HCL, hydride generator, etc.

2. Identify important parameters in analytical processes or estimations. Example: minimum analyte concentration in particular method, reagent concentration for particular analysis, reagent for particular analysis, reaction condition to convert analyte into measurable form, wavelength selection in HPLC with spectrophotometric and fluorometric detector, solvent or carrier gas in HPLC and GC, choice method for the sample preparation in atomic spectroscopic methods, choice of filter and HCL in atomic spectroscopic methods, etc.

3. Explain different principles involved in the analyses using solvent extraction, basics of instrumental chromatography, HPLC, GC, and atomic spectroscopic techniques.

4. Perform quantitative calculations depending upon equations students has studied in the theory. Furthermore, student should able to solve problems on the basis of theory.

5. Discuss / Describe procedure for different types analyses included in the syllabus.

6. Select particular method of analysis if analyte sample is given to him.

7. Differentiate / distinguish / compare among the different analytical terms, process and analytical methods.

8. Demonstrate / explain theoretical principles with help of practical.

9. Design analytical procedure for given sample.

10. Apply whatever theoretical principles he has studied in theory during practical in laboratory.

CH-611 (B): Chemistry of Cosmetics and Perfumes

Chapter No.	Title of Topic/Chapter	No. of lecture
1	Chemical composition, preparation and uses of some cosmetics	12
2	Chemistry of Perfumes and fragrances	12
3	Rules and regulations for cosmetic industry	12
	Total	**36**

1. Chemical composition, preparation and uses of some cosmetics [12 L]

A general study including chemical composition, preparation and uses of the following:

Hair dye, hair spray, shampoo, suntan lotions, face powder, lipsticks, talcum powder, nail enamel, creams (cold, vanishing and shaving creams), Eye make-up (Mascara, Eyeshadow, Eyeliner, Eyebrow pencil), Antiperspirants,***(Ref. 1** – all relevant pages, Ref. 2 Pp. 149 - 177, 187 to 199, 233 to 255, 263, 291 to 310, 323 to 346, 406 to 422, 437 to 452, 457 to 490, 519 to 522**)***

2. Chemistry of Perfumes and fragrances [12 L]

History of perfume, classification sources of fragrance, Development and role of natural products in cosmetics, Extraction of Essential oils and their importance and uses in cosmetic industries with reference to Chemistry of - Eugenol, Geraniol, sandalwood oil, eucalyptus, rose oil, 2-

phenyl ethyl alcohol, Jasmone, Civetone, Muscone. **(*Ref. 3 Pages 3 to 67 and relevant pages from 68 to 360*)**

3. Rules and regulations for cosmetic industry [12 L]

Understanding of regulations of Central Drugs Standard Control Organization, India Cosmetic Regulation, Steps for process of cosmetic registration in India **(*Ref. 4, 5, 6*)**

4. Projects: (students can choose any one of the following projects and submit a project report at the end of semester for evaluation**)**

1. Preparation of talcum powder. **(*Ref.2 Pages 263*)**
2. Preparation of shampoo. **(*Ref.2 Pages 323 to 346*)**
3. Preparation of enamels. **(*Ref.2 Pages 495 to 522)***
4. Preparation of hair remover. **(*Ref.2 Pages 425 to 434*)**
5. Preparation of face cream. **(*Ref.2 Pages 149 to 177*)**
6. Preparation of nail polish and nail polish remover. **(*Ref.2 Pages 505 to 522*)**
7. Preparation of Emulsified and solid fragrances. **(*Ref.2 Pages 575 to 583*)**
8. Isolation of Simple Floral fragrances and Alcoholic fragrances solution. **(*Ref.2 Pp 569 to 573*)**

Reference Books:

1. Cosmetic Formulation: Principles and Practice - Heather A.E. Benson, Michael S. Roberts, Vania Rodrigues Leite-Silva, Kenneth Walters
2. COSMETICS Formulation, Manufacturing & Quality Control, Fourth Edition - P. P. Sharma, M pharm
3. Perfumes, Cosmetics and soaps, ninth edition, – W. A. Poucher.
4. **https://cdsco.gov.in/opencms/opencms/en/Cosmetics/cosmetics**
5. **https://cosmetic.chemlinked.com/cosmepedia/india-cosmetic-regulation**
6. **https://morulaa.com/cdsco/process-cosmetics-registration-india**

Additional References :

1. E. Stocchi: *Industrial Chemistry*, Vol -I, Ellis Horwood Ltd. UK.
2. Sharma, B.K. & Gaur, H. *Industrial Chemistry*, Goel Publishing House, Meerut (1996).
3. Indian medical plants: by Kirtikar & Basu
4. Naturals and Cosmetics – by Dr. Satish Sakharwade
5. Manufacture of Perfumes, Cosmetics & Detergents – Giriraj Prasad
6. Perfumes: History & Chemistry Vol-I- Dr. D. D. Wasule
7. Cosmetics: Science & Technology – Sagarin.
8. Essential oils Vol. I by Gunther.
9. Perfume flowers & essential oil industries by S.B. Srivastva.

SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)

T.Y.B.A. Economics Syllabus

(Choice Based Credit System and Semester System)

Revised Syllabus will be implemented with effect from the academic year 2021-2022

T.Y.B.A. Economics

(Sem V & VI)

Semester	Paper Name	Subject Code	Title of the Paper
V	Economics General - III		Indian Economic Development- I
	Economics Special - III		International Economics-I
	Economics Special - IV		Public Finance- I
	Skill Enhancement Course (SEC-3A)		Business Management- I
VI	Economics General - III		Indian Economic Development- II
	Economics Special - III		International Economics- II
	Economics Special - IV		Public Finance- II
	Skill Enhancement Course (SEC-3A)		Business Management- II (Project Report)

T.Y.B.A. Economics
General Paper-III: Indian Economic Development-I
(Course Code:)
Semester V

Preamble:

The course will be useful for learners aiming towards careers in the government sector, policy analysis and the social sector. This course would take an overview of aspects of economic development with special reference to India.

The course aims to introduce the learner to the main concepts in economic and human development, equip them compare and contrast different economies: recognize various indicators of economic and human development. The course will also provide a broad outline of the Sustainable Development Goals.

Course Learning Outcomes

At the end of the course the learner will have ability -

- To relate and recognize the concept and indicators of Economic Development.
- To describe and analyze the concept and indicators of Human Development.
- To explain the characteristics of Developing and Developed Countries.
- To describe the constraints to the process of Economic Development.

Unit No.	Name and Sub Titles of the Topic	No. of Lectures
1	**Economic Development and Growth**	10
	1.1 Economic Development: Meaning, Definition and Indicators	
	1.2 Economic Growth: Meaning, Definition and Indicators	
	1.3 Need and Importance of Economic Development	
2	**Developed and Developing Countries**	14
	2.1 Concepts of Developed and Developing Countries	
	2.2 Characteristics of Developed Countries	
	2.3 Characteristics of Developing Countries : Economic, Demographic, Technological, Social and Political	
	2.4 India as an Emerging Economy	
3	**Constraints to Development Process**	12
	3.1 Vicious Circle of Poverty	
	3.2 Capital Constraints	
	3.3 Technology Constraints	
	3.4 Socio- Cultural Constraints	
	3.5 Political and Administrative Constraints	
	3.6 External Bottlenecks	
4	**Human Resources and Economic Development**	12
	4.1 Role of Human Resources in Economic Development	
	4.2 Human Development Index and India	
	4.3 Concepts of Physical Quality of Life Index:	
	4.3.1 Gender Development Index **4.3.2** Gender Inequality Index **4.3.3** Multidimensional Poverty Index	

Recommended Books -

- Ragnar Nurkse, Problem of Capital Formation in Underdeveloped Countries.
- Sen Amartya (1970), Growth Economics, Penguin.
- Zhingan M.L.(1982), The Economics of Development and Planning. Vrinda Publication (P) Ltd.
- Adelmen, I. (1961), Theories of Economic Growth and Development, Stanford University Press, Stanford.
- Avhad Suhas (2015), 'Economics of Growth and Development' (Marathi Edition) Success Prakashan, Pune
- Behrman, S. and T.N Srinivasan,(1995) Handbook of Development Economic, Vol. 1 to 3, Elsevier, Amsterdam,
- Chenery H. and T.N.Srinivasan, (1989) Handbook of Development Economics Vo1&2, Elsevier. Amsterdam.
- Dasgupta p. (1993) An Enquiry into Well Being and Destitution.
- Dhage S.K. (2015),Indian Economy (Marathi Edition) K.S. Publication,Pune.\
- Wavare A. (2017), Development and Planning Economics (Vikas va Niyojanache Arthshastra - Marathi Edition)
- Datir R.K.(2013), Vikas ani Paryavarniy Arthshastra, Nirali Prakashan, Pune.
- Rasal Rajendra (2020), Indian Economy (Marathi), Success Publication Pune, 7th edn.
- Ghatak,S.(1986), An Introduction to Development Economics,Allen and Unwin, London,
- Ghosh. B.N.(1982) Economic Development and Planning National Book House.
- Grillis M., D H. Perkins, M.Romer and D.R.Snodgrass (1992) Economic of Development (3rdEdition) W.W.Norton, New York.
- Patil J.F.(2014),Growth And Development economics (Vruddhi Va Vikasache Airthshastra, Phadke Prakashan - Marathi Edition)
- Higgins, Benjamin. (1959) Economic Development, W.W.Norton , New York
- Jennifer A. Elliott, (2013), An Introduction to Sustainable Development (Fourth Edition), Routledge Publication, London and New York.
- Kindleberger C.P.(1977),Economic Development (3rd Edition) McGraw Hill, New York.
- Jagdish Bhagwati,The Economics Of Underdeveloped Countries.
- Mahata J.K.(1964) Economic of Growth, Asia.
- Meaer and Baldwin(1970) Economic Development, Asia .
- Mehata J.K.(1971) Economic Development , Chaitanya.
- Kute Santosh and Rithe (2019) ,Demography , Prashant Publication Jalgaon.
- Mishra &Puri, Development and Planning- Theory And Practice, Himalaya.
- Meier, G.M. (1995) Leading Issue in Economic Development,6ed,Oxford University Press ,New Delhi,
- Todaro M.P. (1996) Economic Development (6th Edition) Longman, London.
- UNDP, Human Development Report [Latest]
- World Development Reports
- India Development Reports

T.Y.B.A. Economics
General Paper- III: Indian Economic Development-II
(Course Code:)

Semester VI

Preamble:

This course would take an overview of the process of Economic Planning and the Development Goals. The course aims to introduce the learner to the main concepts in Economic Planning, equip them with understanding of the planning process in India and changing in recent times and familiarize them to the Sustainable Development Goals. The Course also reviews the relation between Economic Development and Environment.

Course Learning Outcomes

At the end of the course the learner will have ability-

- To describe and explain the process of Economic Planning.
- To describe and examine the changing structure of planning process in India.
- To describe and explain the relation between Economic Development and Environment.

Unit No.	Name and Sub Titles of the Topic	No. of Lectures
1	**Economic Planning**	12
	1.1 Economic Planning – Meaning, Definition and Features	
	1.2 Need of Economic Planning	
	1.3 Objectives of Economic Planning in India	
2	**National Institution for Transforming India Aayog (NITI Aayog)**	12
	2.1 NITI Aayog- Objectives and Structure	
	2.2 Role of NITI Aayog	
	2.3 Difference between Planning Commission and NITI Aayog	
3	**Sustainable Development**	12
	3.1 Sustainable Development **:** Meaning and Importance	
	3.2 17 SDGs (Sustainable Development Goals)	
	3.3 Measures for Sustainable Development	
	3.4 Current Scenario of SDG in India	
4	**Environment and Economic Development**	12
	4.1 Relation between Environment and Economic Development	
	4.2 Environment and Sustainable Development	
	4.3 Environmental Policies in India: **4.3.1** National Conservation Strategy (1992) - Highlights **4.3.2** National Environmental Policy (2006) - Highlights	
	4.4 Global Warming	

Recommended Books -

- Ragnar Nurkse, Problem of Capital Formation in Underdeveloped Countries.
- Sen Amartya (1970) Growth Economics, Penguin.
- Zhingan M.L. (1982) the Economics of Development and Planning. Vrinda Pub.(P) Ltd.
- Adelmen, I. (1961) Theories of Economic Growth and Development, Stanford University Press, Stanford.
- Avhad Suhas (2015), 'Economics of Growth and Development' (Marathi Edition) Success Prakashan, Pune
- Behrman, S. and T.N Srinivasan,(1995) Handbook of Development Economic, Vol. 1 to 3, Elsevier, Amsterdam,
- Chenery H. and T.N.Srinivasan, (1989) Handbook of Development Economics Vo1&2, Elsevier. Amsterdam.
- Dasgupta p. (1993) an Enquiry into Well Being and Destitution.
- Datir R.K. (2013) Vikas ani Paryavarniy Arthshastra, Nirali Prakashan, Pune.
- Ghatak,S.(1986) An Introduction to Development Economics,Allen and Unwin, London,
- Ghosh. B.N.(1982) Economic Development and Planning National Book House.
- Grillis M., D H. Perkins, M.Romer and D.R.Snodgrass (1992) Economic of Development (3rdEdition) W.W.Norton, New York.
- Higgins, Benjamin. (1959) Economic Development, W.W.Norton , New York
- Jennifer A. Elliott, (2013), an Introduction to Sustainable Development (Fourth Edition), Routledge Publication, London and New York.
- Kindleberger C.P. (1977) Economic Development (3rd Edition) McGraw Hill, New York.
- Jagdish Bhagwati,The Economics Of Underdeveloped Countries.
- Mahata J.K. (1964) Economic of Growth, Asia.
- Meaer and Baldwin (1970) Economic Development, Asia .
- Mehata J.K.(1971) Economic Development , Chaitanya.
- Mishra &Puri, Development and Planning- Theory And Practice, Himalaya.
- Meier, G.M. (1995) Leading Issue in Economic Development,6ed,Oxford University Press ,New Delhi,
- Todaro M.P. (1996) Economic Development (6th Edition) Longman, London.
- UNDP, Human Development Report [Latest]
- World Development Reports
- India Development Reports

T.Y.B.A. Economics
Special Paper - III: International Economics-I
(Course Code:)

Semester - V

Preamble:

This course provides the students a thorough understanding and deep knowledge about the concept of international economics and international trade. The contents of the paper spread over various modules, lay stress both on theory and applied nature of the subject. Besides this, the contents prepare the students to know the important theories of international trade. The paper also covers the meaning, types, importance of terms of trade and causes of unfavorable terms of trade to developing countries like India.

Course Learning Outcomes

At the end of the course the learner will have Ability

- To relate and recall the concepts of International Economics and International Trade.
- To describe and apply the theories of international trade.
- To explain and comprehend the issues relating to Terms of trade and Balance of Payment.

Unit No.	Name and Sub Titles of the Topic	No. of Lectures
1	**Introduction**	12
	1.1 International Economics- Meaning, Scope and Importance	
	1.2 Inter-regional and International Trade	
	1.3 Importance of International Trade	
2	**Theories of International Trade**	12
	2.1 Theory of Absolute Cost Advantage and Theory of Comparative Cost Advantage	
	2.2 Heckscher-Ohlin Theory	
	2.3 Leontief's Paradox	
	2.4 Intra-Industry Trade	
3	**Terms of Trade**	12
	3.1 Meaning, Types and Importance of Terms of trade	
	3.2 Determinants of Terms of trade	
	3.3 Causes of Unfavorable Terms of trade to Developing Countries	
4	**Balance of Payments**	12
	4.1 Balance of trade and Balance of payments- Concepts	
	4.2 Balance of payments - Components	
	4.3 Disequilibrium of Balance of Payments, Causes and Consequences	
	4.4 Measures to correct Disequilibrium in the Balance of Payments	

Recommended Books -

1.Kenan, P.B. (1994), the International Economy, Cambridge University Press, London.
2.Kindlberger, C.P. (1973), International Economics, R.D. Irwin, Homewood.
3.Krugman, P.R. and M. Obstgeld (1994), International Economics: Theory and Policy, Glenview, Foresman.
4.Salvatore, D.L.(1997), International Economics, Prentice-Hall, Upper Saddle River, N.J.
5.Sodersten, Bo (1991), International Economics, Macmillan Press Ltd., London.
6.International Economics , M.L. Jhingan
7. Bhagwati, J. (Ed.) (1981), International Trade, Selected Readings, Cambridge University Press, Mass.
8.Greenaway, D. (1983), International Trade Policy, Macmillan Publishers Ltd., London.
9. Joshi V. and I.M.D. Little (1998), India's Economic Reforms, 1999-2001, Oxford University Press, Delhi.
10. Panchmukhi, V.R. (1978), Trade Policies of India: A Quantitative Analysis, Concept Publishing Company, New Delhi.
11. Dhage S.K. (2015), International Economics (English Edition) K.S. Publication, Pune.
12. Kulkarni B.D. and Dhamdhere S.V. (2007),International Economics (Antarrashtriya Arthashastra - Marathi Edition) Dimand Publication ,Pune.
13. Wavare A. , International Economics (Anatarrashtriy Airthshastra - Marathi Edition) Education Publication ,Aurangabad
14. Patel, S.J. (1995), Indian Economy towards the 21st Century, University Press Ltd., India.
15. Rasal, Rajendra, International Economics (Marathi), Success Publication Pune.

Reports:

1. Ministry of Commerce and Industry, Government of India, Recent Annual Report
2. Government of India, Economic Survey Latest
3. Reserve Bank of India, Annual Report

T.Y.B.A. Economics
Special Paper - III: International Economics-II
(Course Code:)

Semester – VI

Preamble:

This course provides the students a thorough understanding and deep knowledge about India's foreign trade and trade policies. The contents of the paper spread over various modules, lay stress both on theory and applied nature of the subject that have registered rapid changes during the last few decade. Besides this, the contents prepare the students to know the foreign exchange market, provisions in FEMA and convertibility of rupee. The paper also covers the Indian government's policy towards foreign capital and role of multinational corporations in India and regional and international co-operation. This paper has become relatively more relevant from the policy point of view under the present waves of globalization and liberalization.

Course Learning Outcomes:

At the end of the course, the learner will have-

- Ability to relate and explain the concept of Exchange Rate and Foreign Exchange Market.
- Ability to describe the trends in Growth, Composition and Direction of India's Foreign Trade.
- Ability to comprehend the issues relating to Foreign Capital and Regional and International Co-Operation.

Unit No.	Name and Sub Titles of the Topic	No. of Lectures
1	**India's Foreign Trade and Policy**	12
	1.1 Role of Foreign Trade in Economic Development	
	1.2 India's Foreign Trade- Growth, Composition and Direction since 2000	
	1.3 Free Trade v/s Protection - Case For and Case Against	
	1.4 Highlights of India's Foreign Trade policy Since 2015	
	1.5 Evaluation of Policy of Special Economic Zones in Export Promotion	
2	**Foreign Capital**	12
	2.1 Role of Foreign Capital in Economic Development	
	2.2 Types of Foreign Investment	
	2.3 Foreign Investment Policy in India since 1991	
	2.4 Problems of Foreign Capital	
3	**Foreign Exchange**	12
	3.1 Exchange Rate : Concept; Fixed & Flexible Exchange Rate -Merits and Demerits	
	3.2 Foreign Exchange Market- Meaning, Structure and Functions	
	3.3 Convertibility of the Rupee	
	3.4 Foreign Exchange Management Act, 1999, Main Provisions	
4	**Regional and International Co-operation: Nature and Functions of-**	12
	4.1 South Asian Association for Regional Cooperation (SAARC)	
	4.2 Brazil, Russia, India, China and South Africa (BRICS)	
	4.3 European Economic Community (EEC)	
	4.4 World Trade Organization (WTO)	

1. **Recommended Books -**

2. Kenan, P.B. (1994), the International Economy, Cambridge University Press, London.
3. Kindlberger, C.P. (1973), International Economics, R.D. Irwin, Homewood.
4. Krugman, P.R. and M. Obstgeld (1994), International Economics: Theory and Policy, Glenview, Foresman.
5. Salvatore, D.L. (1997), International Economics, Prentice-Hall, Upper Saddle River, N.J.
6. Sodersten, Bo (1991), International Economics, Macmillan Press Ltd., London.
7. International Economics , M.L. Jhingan
8. Bhagwati, J. (Ed.) (1981), International Trade, Selected Readings, Cambridge University Press, Mass.
9. Greenaway, D. (1983), International Trade Policy, Macmillan Publishers Ltd., London.
10. Joshi V. and I.M.D. Little (1998), India's Economic Reforms, 1999-2001, Oxford University Press, Delhi.
11. Panchmukhi, V.R. (1978), Trade Policies of India: A Quantitative Analysis, Concept Publishing Company, New Delhi.
12. Patel, S.J. (1995), Indian Economy towards the 21st Century, University Press Ltd., India.

Reports:

1. Ministry of Commerce and Industry, Government of India, Recent Annual Report
2. Government of India, Economic Survey Latest
3. Reserve Bank of India, Annual Report

T.Y.B.A. Economics
Special Paper – IV: Public Finance -I
(Course Code:)
Semester – V

Preamble:

The role and functions of the Government in an economy has been hanging with the passage of time. The term 'Public Finance' has traditionally been applied to involve the use of revenue and expenditure measures along with the budgetary policy is an important part to understand the basic problems of use of resources, distribution of Income etc. The course will be useful for students aiming towards careers in the government sector, policy analysis, banking and business. This course would take an overview of government finances with special reference to India. The course aims to introduce the learner to the main concepts in public finance, equip them with an analytical grasp of government taxes: direct and indirect taxes and familiarize students with the main issues in government expenditure and debt.

Objectives:

1. To make students to analyze the role of Public Finance in Economic Development.
2. To know the sources of Revenue, Expenditure and Debt of Govt. of India.
3. To make students competent to become success in competitive examination.

Course Learning Outcomes

At the end of the course the learner will have ability-

- To relate and recognize the Nature and Scope of Public Finance.
- To describe and analyze the concept of Public Revenue and its components.
- To explain types of Public Expenditure and reasons for rising Public Expenditure.
- To explain the types of Public Debt and its effects.

Unit No.	Name and Sub Titles of the Topic	No. of Lectures
1	**Introduction to Public Finance**	12
	1.1 Meaning, Nature, Scope and Importance of Public Finance	
	1.2 Public Finance versus Private Finance	
	1.3 Role of Public Finance in Economic Development	
	1.4 Principle of Maximum Social Advantage: Musgrave's Approach	
2	**Public Revenue**	12
	2.1 Sources of Public Revenue	
	2.2 Meaning of Tax, Types of Taxes- Direct Tax and Indirect Tax, Merits and Demerits	
	2.3 Goods and Service Tax: Concept and Characteristics; Need for GST in India	
	2.4 Concepts**:** Impact of Tax, Incidence of Tax, Shifting of Tax and Taxable Capacity	
3	**Public Expenditure**	12
	3.1 Meaning and Principles of Public Expenditure	
	3.2 Classification of Public Expenditure	
	3.3 Reason for Increasing Public Expenditure	
	3.4 Wagner's Law of Public Expenditure	

4	**Public Debt**	**12**
	4.1 Meaning, Sources and Importance of Public Debt	
	4.2 Methods of Repayment of Public Debt	
	4.3 Burden of Public Debt	
	4.4 The Fiscal Responsibility and Budget Management Act 2003- Highlights	

Recommended Books

1. Andley and Sundaram- Theory and Practice of Public Finance.
2. Bhatia H.L "Public Finance " Vikas Publishing House, 18th edition
3. Jayaram Hiregange, Deepak Rao (2017), India GST for Beginners, White Falcon Pub.
4. Government of India (2017). GST-Concept and Status
5. Singh S.K, Public Finance in Theory and Practice, S. Chand, New Delhi.
6. Ozerkar S.R.,Rajaswa (Marathi), Vidya Prakashan, Ruikar Marg Nagpur
7. Deo and Zamre, Rajaswa (Marathi) Pimpalapure and Co, Publishers, Nagpur.
8. Buchanan J. M.,, Public Principles of Public debt, Irwin, Homewood, III, USA.
9. Herber, B.P., Modern Public finance, AITBS, New Delhi.
10. Hicks Ursula (1961) "Public Finance" Digswell Place, James Nishbet & Co. Ltd.
11. Musgrave R. A. (1959) "The Theory of Public Finance: A study in Public Economics" McGraw Hill Logakwha Ltd.
12. Musgrave R. A. & Musgrave P. B "Public Finance: In Theory & Practice" McGraw Hill Logakwha Ltd.
13. Prest, A.R. and Barr N.A., Public Finance in Theory and Practice, ELBS, London.
14. Bhadane Jaywant R, (2020) GST Smart Taxation System, International Publication
15. Taylor Philip C (1968) "The Economics of Public Finance" Oxford Univeristy & IBH Publishing Co.
16. Alam, S, (2016) GST and the States, Sharing tax administrations, Economic and Political Weely, 51 (31) (Article)
17. Ministry of Finance, Government of India (Oxford Press), Economic Survey 2020.
18. Dhamdhare S.V. (2019) , Sarvajanik Ayvay (Marathi Edition) ,Dimond Publication,Pune.
19. Khandare Vilas (2004) , Money Banking And Finance, Ravi Printers ,Aurangabad .

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T.Y.B.A. Economics
Special Paper – IV: Public Finance -II
(Course Code:)
Semester – VI

Objectives:

1. To make students able to analyze Budget process of India.
2. To make the students aware about Role and working of Finance Commission.
3. To make students competent to become success in competitive examination.

Course Learning Outcomes

At the end of the course the learner will have ability

- To explain and assess the components and instruments of Fiscal Policy.
- To relate to the concepts of Budget and its components.
- To describe and analyze the concept of Deficit Financing and its effects.
- To describe and explain the Centre and State Financial Relationship.

Unit No.	Name and Sub Titles of the Topic	No. of Lectures
1	**Fiscal Policy**	12
	1.1 Fiscal Policy- Meaning, Instruments and Objectives	
	1.2 Fiscal Policy in Developing Countries	
	1.3 Limitations of Fiscal Policy	
	1.4 Review of Fiscal Policy in India Since 2011	
2	**Budget**	12
	2.1 Budget- Meaning, Nature and Objectives	
	2.2 Classification of Budget	
	2.3 Preparation of Indian Central Budget	
	2.4 Gender Budget- Meaning and Importance.	
3	**Deficit Financing**	12
	3.1 Deficit Financing- Meaning and Objectives	
	3.2 Role of Deficit Financing in Developing Countries	
	3.3 Trends in India's Deficit Financing Since 2011	
	3.4 Effects of Deficit Financing	
4	**Centre-State Financial Relationship**	12
	4.1 Centre-State Financial Relationship: Constitutional Provisions	
	4.2 Conflict in the Centre-State Financial Relationship	
	4.3 Role of the Finance Commission	
	4.4 Recommendations of 15th Finance Commission	

Recommended Books

1. Andley and Sundaram- Theory and Practice of Public Finance.
2. Bhatia H.L "Public Finance " Vikas Publishing House, 18th edition
3. Jayaram Hiregange, Deepak Rao (2017), India GST for Beginners, White Falcon Pub.

4. Government of India (2017). GST-Concept and Status
5. Bhadane Jaywant R, (2020) GST Smart Taxation System, International Publication
6. Singh S.K, Public Finance in Theory and Practice, S. Chand, New Delhi.
7. Ozerkar S.R.,Rajaswa (Marathi), Vidya Prakashan, Ruikar Marg Nagpur
8. Deo, and Zamre, Rajaswa (Marathi) Pimpalapure and Co, Publishers, Nagpur.
9. Buchanan J. M., Public Principles of Public debt, Irwin, Homewood, III, USA.
10. Herber, B.P., Modern Public finance, AITBS, New Delhi.
11. Hicks Ursula (1961) "Public Finance" Digswell Place, James Nishbet & Co. Ltd.
12. Musgrave R. A. (1959) "The Theory of Public Finance: A study in Public Economics" McGraw Hill Logakwha Ltd.
13. Musgrave R. A. and Musgrave P. B "Public Finance: In Theory & Practice" McGraw Hill Logakwha Ltd.
14. Prest, A.R. and Barr N.A., Public Finance in Theory and Practice, ELBS, London.
15. Taylor Philip C (1968) "The Economics of Public Finance" Oxford University and IBH Publishing Co.
16. Alam, S, (2016) GST and the States, Sharing tax administrations, Economic and Political Weely, 51 (31) (Article)
17. Ministry of Finance, Government of India (Oxford Press), Economic Survey 2020.
18. Khandare Vilas ,Povale ,Takale,(2012) , Economics Of Agriculture Development ,Omkar Printers, Aurangabad.
19. Dhamdhare S.V. (2019) , Sarvajanik Ayvay (Marathi Edition) ,Dimond Publication,Pune.

Websites:

https://data.gov.in

https://www.gst.gov.in

https://www.incometaxindia.gov.in

T.Y.B.A. Economics
Skill Enhancement Course
Business Management

Sem ester	CC Paper	Paper No.	Name of Paper	Lectures / Week	Total Lect.	CA Marks	ESE Marks	Total	No. of Credits
V	SEC -III SEC-3A		Business Management- I	03	30	15	35	50	**2**
VI	SEC -IV SEC-3A		Business Management - II Project	03	30	15	35	50	**2**

SEC -Skill Enhancement Course; CC -Core Course; CA - Continuous Assessment;
ESE -End of Semester Examination

T.Y.B.A. Economics
Skill Enhancement Course
SEC 3A: Business Management-I
(Course Code:)
Semester – V

Course Learning Outcomes:
At the end of the Course, the Learner will have the following skills:

- Management of Business.
- Business planning and decision making
- Leadership Skills- Ability to work in teams at the same time, ability to show leadership qualities

Unit No.	Name and Sub Titles of the Topic	No. of Lectures	Skill Enhancement Exercises
1	**Business Management** **1.1** Nature and Scope of Management **1.2** Characteristics of Management **1.3** Need & Importance of Study of Management **1.4** Process of Management	**6**	• Discussion/ Practical/ Field Study
2	**Business Planning and Decision Making** **2.1** Nature of Planning **2.2** Steps in Planning Process **2.3** Types of Business Planning **2.4** Study of Planning Process **2.5** Steps in Decisions Making Process **2.6** Factors affecting decision Making	**6**	• Case Studies / Mini Projects / Individual /Team Presentations. • Practical Exercises in Decision Making Process/ Problem Solving

3	**Schemes of Government :** Make in India Start-up India Stand up India Mudra Loans Dairy Management Scheme Fruits Management Development Programme Agriculture Products Sell Management	**6** **2 + 2** Guest Lecture	• Visit to SSS/ Interview with Mudra Beneficiary. • Study of Street Vendors/ Hawkers/ Mini Enterprises etc. • Exhibitions Business Plan Ideas Competitor
4	**Workshop:** Workshop on Entrepreneurship Development Training Programme	**8**	2 -Half-Day Work - shops -4 hours each **OR** 1- One Day Workshop - 8 hours

Recommended Books

1. Stephen R. Covey, The 7 Habits of Highly effective People (1989), Guerilla Marketing.
2. Harvard Business Review, Management Tips, hbr.org/books.
3. Pandey, I.M. Financial Management, Persons 12th edn.
4. Saksena, S.C., Principles of Business Management (2019), Sahitya Bhawan Publi.Agra.
5. Kalkar Parag and Ajinath Doke, Vyavsay Vyavsthapan, Nirali Prakashan, Pune.
6. Vasistha, Neeru, Principles of Management, Taxmann.
7. Hannagan, Tim. Management Concepts and Practices, Macmillan India Ltd.
8. Government of India, Official Websites.

T.Y.B.A. Economics
Skill Enhancement Course
SEC-3A: Business Management-II (Project Report)
(Course Code:)
Semester – VI

Course Learning Outcomes:

At the end of the Course, the Learner will have the following skills:

- Analytical Skills – Ability to analyze data collected and interpret in the most logical manner
- Project Report Writing Skills- Ability to comprehend and illustrate/demonstrate findings
- Presentation Skills – PPT/Poster- Ability to illustrate findings in the most appealing manner
- Leadership Skills: Ability to show leadership skills with business ideas or work on business ventures as a practical example

Unit No.	Name and Sub Titles of the Topic	No. of Lectures	Skill Enhancement Exercises
1	**Case Study** Guest Lecture – Local Entrepreneur – Success Stories / Struggles/ Historical Reviews/ Start-ups, etc	2	Preview to Students for Project Report
2	**Project Interim Presentation** Detailed Study of ANY Business Enterprise under the Guidance of Subject Teacher OR Presentation of a Business Idea	14	Initial Mid Semester Presentation (15 marks)
3	**Project Final Presentation** Presentation with PPT or Poster or Exhibition of Business Ideas/ Reports	14	Final Presentation Viva (35 Marks) Int. Examiner - 10 Ext. Examiner - 10 Report- 15

Recommended Books

1. Stephen R. Covey, The 7 Habits of Highly effective People (1989), Guerilla Marketing.
2. Harvard Business Review, Management Tips, hbr.org/books.
3. Pandey, I.M. Financial Management, Persons 12th Edn.
4. Saksena, S.C., Principles of Business Management (2019), Sahitya Bhawan Publi.Agra.
5. Kalkar Parag and Ajinath Doke, Vyavsay Vyavsthapan, Nirali Prakashan, Pune.
6. Vasistha, Neeru, Principles of Management, Taxmann.
7. Hannagan, Tim. Management Concepts and Practices, Macmillan India Ltd.
8. Government of India, Official Websites.

सावित्रीबाई फुले पुणे विद्यापीठ, पुणे

मराठी विषयाचा पुनर्रचित अभ्यासक्रम - जून २०२१ पासून

तृतीय वर्ष कला (T.Y.B.A.) मराठी

निवड आधारित श्रेयांक पद्धत

Choice Based Credit System [CBCS]

सत्र	विषयाचे नाव	संकेतांक	पूर्वीचे नाव
पहिले	भाषिक कौशल्यविकास आणि आधुनिक मराठी साहित्यप्रकार : प्रवासवर्णन	[CC – 1 E (3)]	नियमित अभ्यासक्रम G3
दुसरे	भाषिक कौशल्यविकास आणि आधुनिक मराठी साहित्यप्रकार : कविता	[CC – 1 F (3)]	
पहिले	व्यावहारिक व उपयोजित मराठी : भाग ५	[CC – 1 E (3)]	पर्यायी अभ्यासक्रम G3
दुसरे	व्यावहारिक व उपयोजित मराठी : भाग ६	[CC – 1 F (3)]	
पहिले	मध्ययुगीन मराठी वाङ्मयाचा स्थूल इतिहास : प्रारंभ ते इ.स. १६००	[DSE 1 C (3+1)]	S3
दुसरे	मध्ययुगीन मराठी वाङ्मयाचा स्थूल इतिहास : इ.स. १६०१ ते इ.स. १८१७	[DSE 1 D (3+1)]	
पहिले	वर्णनात्मक भाषाविज्ञान : भाग १	[DSE 2 C (3)+1]	S4
दुसरे	वर्णनात्मक भाषाविज्ञान : भाग २	[DSE 2 D (3)+1]	
पहिले	कार्यक्रम संयोजनातील भाषिक कौशल्ये : भाग १	[SEC 2 C (2)]	DSE विषयांशी निगडीत अनिवार्य
दुसरे	कार्यक्रम संयोजनातील भाषिक कौशल्ये : भाग २	[SEC 2 D (2)]	

तृतीय वर्ष कला (T. Y. B. A.)

नियमित अभ्यासक्रम

पहिले सत्र

विषयाचे नाव

भाषिक कौशल्यविकास आणि आधुनिक मराठी साहित्यप्रकार : प्रवासवर्णन [CC – 1 E (3)]

अभ्यासक्रमाची उद्दिष्टे :

१ मुद्रित माध्यमांसाठी लेखन कौशल्ये आत्मसात करणे.
२ प्रवासवर्णन या साहित्यप्रकाराचे स्वरूप, प्रेरणा, प्रयोजने, वैशिष्ट्ये आणि वाटचाल समजून घेणे.
३ नेमलेल्या प्रवासवर्णनाचे आकलन,आस्वाद आणि विश्लेषण करणे.

घटक		तपशील	श्रेयांक	तासिका
१	अ	मुद्रित माध्यमांसाठी लेखन कौशल्ये : १ वृत्तलेख : स्वरूप व वैशिष्ट्ये २ अग्रलेख : स्वरूप व वैशिष्ट्ये ३ सदर लेखन : स्वरूप व वैशिष्ट्ये ४ परीक्षण : स्वरूप व वैशिष्ट्ये	१	१५
	ब	प्रवासवर्णन साहित्यप्रकार : स्वरूप, प्रेरणा, प्रयोजने, वाटचाल आणि वैशिष्ट्ये		
२		अभ्यासपुस्तक **तीन मुलांचे चार दिवस** आदर्श पाटील, विकास वाळके, श्रीकृष्ण शेळके साधना प्रकाशन, पुणे	२	३०

संदर्भ ग्रंथ :

१. साहित्य अध्यापन आणि प्रकार, संपादक श्री. पु. भागवत आणि इतर
२. मराठी प्रवासवर्णनांची वाटचाल, डॉ.नीला पांढरे
३. मराठी वाङ्मय इतिहास, खंड ४, महाराष्ट्र साहित्य परिषद, पुणे
४. मराठी वाङ्मय इतिहास, खंड ७, भाग १, महाराष्ट्र साहित्य परिषद, पुणे
५. आधुनिक मराठी वाङ्मयाचा इतिहास, खंड १ आणि २, अ. ना. देशपांडे
६. प्रवासवर्णन एक वाङ्मयप्रकार, वसंत सावंत
७. प्रदक्षिणा खंड २ , वि . ह. कुलकर्णी
८. अग्रलेख, गोविंद तळवलकर, प्रेस्टीज प्रकाशन, पुणे.
९. मुद्रित माध्यमांसाठी लेखन कौशल्ये : पुस्तक पहिले व दुसरे, य. च . म. मु. वि. नाशिक
१०. आधुनिक मराठी वाङ्मय : स्वरूप, आकलन आणि आस्वाद, सांगळे संदीप
११. https://shabdakosh.marathi.gov.in/ananya-glossary
१२. https://shabdakosh.marathi.gov.in/

दुसरे सत्र

विषयाचे नाव

भाषिक कौशल्यविकास आणि आधुनिक मराठी साहित्यप्रकार : कविता [CC – 1 F (3)]

अभ्यासक्रमाची उद्दिष्टे :

१. मराठी साहित्य, भाषिक कौशल्यविकास आणि शासनव्यवहार यांची माहिती घेणे.
२. कविता या साहित्यप्रकाराचे स्वरूप, वाटचाल, प्रेरणा, प्रवृत्ती आणि वैशिष्ट्ये,समजून घेणे.
३. नेमलेल्या अभ्यासपुस्तकातील निवडक कवितांचे आकलन, आस्वाद आणि विश्लेषण करणे.
४. कविता या साहित्यप्रकारातील विविध आविष्कार व भाषा रूपांची अभ्यासपुस्तकातील कवितांच्या आधारे ओळख करून घेणे.

घटक		तपशील	श्रेयांक	तासिका
१	अ	मराठी साहित्य, भाषिक कौशल्यविकास आणि शासनव्यवहार १ राज्यघटनेतील भाषाविषयक तरतुदी २ मराठी राजभाषा अधिनियम ३ मराठीविषयक कार्य करणाऱ्या शासकीय संस्थांचा परिचय	१	१५
	ब	कविता : स्वरूप, वाटचाल, प्रेरणा आणि वैशिष्ट्ये		
२		संपादित अभ्यासपुस्तक **रूप : कवितेचे** संस्कृती प्रकाशन, पुणे	२	३०

संदर्भ ग्रंथ :

१. साहित्य अध्यापन आणि प्रकार, संपादक श्री. पु. भागवत आणि इतर
२. कवितेचा रूपशोध, म.सु. पाटील, शब्दालय प्रकाशन, पुणे.
३. कविता आणि प्रतिमा, सुधीर रसाळ,मौज प्रकाशन, मुंबई.
४. परंपरा आणि नवता, गो.वि.करंदीकर, पॉप्युलर प्रकाशन, मुंबई.
५. सुहृदगाथा, प्रस्तावना, गंगाधर पाटील
६. विद्रोही कविता, संपादक,केशव मेश्राम, कॉन्टिनेन्टल प्रकाशन, पुणे.
७. निळी पहाट, रा.ग.जाधव
८. साहित्य आणि अस्तित्वभान, दि.पु.चित्रे, शब्दालय प्रकाशन, श्रीरामपूर.
९. टीकास्वयंवर, भालचंद्र नेमाडे, साकेत प्रकाशन, औरंगाबाद.
१०. दलित कविता व दलित साहित्याचे सौंदर्यशास्त्र, म.सु.पाटील, पद्मगंधा प्रकाशन,पुणे
११. काव्यार्थ चिंतन, जी.एस.शिवरुद्रप्पा, साहित्य अकादमी
१२. कवितेचा शोध, वसंत पाटणकर, मौज प्रकाशन,मुंबई
१३. सौंदर्य आणि साहित्य, बा.सी.मर्ढेकर
१४. वाङ्मयप्रकार संकल्पना व स्वरूप, संपादक, आनंद वास्कर

१५. कविता संदर्भ आणि दृष्टिकोन, आशुतोष पाटील, अक्षर वाङमय प्रकाशन, पुणे
१६. कामगार कवितेतील सामाजिक जाणिवा, डॉ.दिलीप पवार,सुगावा प्रकाशन, पुणे
१७. मराठी वाङ्मयाची वाटचाल: स्वरूप व संकल्पना, शब्दालय प्रकाशन, श्रीरामपूर.
१८. कवितेचं अंत:स्वर, देवानंद सोनटक्के
१९. नव जग, नवी कविता, विश्राम गुप्ते ,संस्कृती प्रकाशन, पुणे
२०. https://shabdakosh.marathi.gov.in/ananya-glossary
२१. https://shabdakosh.marathi.gov.in/
२२. https://directorate.marathi.gov.in/
२३. https://sahitya.marathi.gov.in/
२४. https://rmvs.marathi.gov.in/
२५. https://vishwakosh.marathi.gov.in/
२६. http://sahitya-akademi.gov.in/

प्रश्नपत्रिकेचे स्वरूप

- भाषिक कौशल्यविकास आणि आधुनिक मराठी साहित्यप्रकार : प्रवासवर्णन [CC – 1 E (3)] (सत्र १)
- भाषिक कौशल्यविकास आणि आधुनिक मराठी साहित्यप्रकार : कविता [CC – 1 F (3)] (सत्र २)

विद्यापीठ सत्र परीक्षा		
वेळ : ३ तास	**घटकनिहाय प्रश्न तपशील**	**गुण : ७०**
प्रश्न क्रमांक		गुण
प्रश्न १ ला	५ पैकी ३ प्रश्नांची उत्तरे प्रत्येकी ५० शब्दांपर्यंत लिहा. (घटक १ व २)	१५
प्रश्न २ रा	३ पैकी २ प्रश्नांची उत्तरे प्रत्येकी २०० शब्दांपर्यंत लिहा. (घटक १)	२०
प्रश्न ३ रा	३ पैकी २ प्रश्नांची उत्तरे प्रत्येकी २०० शब्दांपर्यंत लिहा. (घटक २)	२०
प्रश्न ४ था	२ पैकी १ प्रश्नाचे उत्तर ३०० शब्दांपर्यंत लिहा. (घटक २)	१५
सत्र परीक्षा एकूण गुण		**७०**
अंतर्गत मूल्यमापन		
(घटक १) **अभ्यासेतर-अभ्यासपूरक उपक्रम** : महाविद्यालयातील विविध उपक्रमातील सहभाग / साहित्यविषयक विशेष योगदान / अभ्याससहल / क्षेत्रभेट / अहवाल लेखन / प्रकल्प कार्य / सादरीकरण / स्वाध्याय / चर्चासत्र / गटचर्चा /अभिवाचन (यापैकी कोणतेही एक)		**१०**
चाचणी (घटक २)		**२०**
सत्र परीक्षा आणि अंतर्गत मूल्यमापन एकूण गुण		**१००**

विशेष सूचना :

- अंतर्गत मूल्यमापनाचे नियोजन महाविद्यालयाने करावे.
- विद्यार्थ्यांचे अंतर्गत मूल्यमापनविषयक लेखन / तपशील विद्यापीठाच्या निर्देशानुसार, विहित कालावधीपर्यंत महाविद्यालयाकडे जमा असणे आवश्यक आहे.
- विद्यापीठाच्या निर्देशानुसार विहित मुदतीत गुण विद्यापीठाकडे पाठवावे.

तृतीय वर्ष कला (T. Y. B. A.)

नियमित अभ्यासक्रम

पहिले सत्र

विषयाचे नाव

व्यावहारिक व उपयोजित मराठी - भाग ५ [CC – 1 E (3)]

अभ्यासक्रमाची उद्दिष्टे :

१ संभाषणविषयक भाषिक कौशल्ये आत्मसात करणे.

२ वृत्तपत्रविषयक भाषिक कौशल्ये आत्मसात करणे.

३ मराठी साहित्य, भाषिक कौशल्यविकास आणि शासनव्यवहार यांची माहिती घेणे.

घटक	तपशील	श्रेयांक	तासिका
१	**विविध कार्यक्रम, स्पर्धाविषयक भाषा कौशल्ये :** १ गटचर्चा २ वादविवाद ३ वक्तृत्त्व ४ चर्चासत्र ५ परिसंवाद	१	१५
२	**वृत्तपत्रासाठी लेखन :** १ सदरलेखन २ अग्रलेख ३ समीक्षणात्मक लेखन ४ सांस्कृतिक वार्तांकन ५ वृत्तपत्रविषयक पारिभाषिक संज्ञा	१	१५
३	**मराठी साहित्य, भाषिक कौशल्यविकास आणि शासनव्यवहार** १ राज्यघटनेतील भाषाविषयक तरतुदी २ मराठी राजभाषा अधिनियम ३ मराठीविषयक कार्य करणाऱ्या शासकीय संस्थांचा परिचय	१	१५

दुसरे सत्र

विषयाचे नाव

व्यावहारिक व उपयोजित मराठी - भाग ६ [CC – 1 F (3)]

अभ्यासक्रमाची उद्दिष्टे :

१. भाषाविषयक उपयोजित लेखन क्षमता विकसित करणे.

२. विविध माध्यमे आणि नवसमाजमाध्यमांतील विविध भाषिक आविष्कारांचे स्वरूप समजून घेणे.

३. विविध माध्यमे आणि नवसमाजमाध्यमांसाठी लेखन क्षमता विकसित करणे.

घटक	तपशील	श्रेयांक	तासिका
१	**निवडक लेखन प्रकारांसाठी परीक्षण :** परीक्षण : स्वरूप १ एकांकिका २ मालिका ३ लघुपट ४ चित्रपट	१	१५
२	**विविध माध्यमे आणि नवसमाजमाध्यमांतील माध्यमांसाठी लेखन कौशल्ये:** विविध माध्यमे आणि नवसमाजमाध्यमांतील स्वरूप आणि लेखनप्रकार १ संकेतस्थळावरील लेखन २ फेसबुकवरील लेखन ३ अनुदानी लेखन ४ ई – वृत्तपत्रासाठी लेखन ५ न्यूज पोर्टलसाठी लेखन	१	१५
३	**जाहिरातीसाठी लेखन** १ जाहिरात : स्वरूप, प्रकार २ जाहिरातीची भाषा आणि माध्यमे ३ जाहिरात मसुदा लेखन : जाहिरात हेतू आणि उद्देश, मथळा, उपमथळा, तपशील लेखन, घोषवाक्य इत्यादी.	१	१५

संदर्भ ग्रंथ :

१. संगणक, अच्युत गोडबोले, मौज प्रकाशन, मुंबई.

२. व्यावहारिक मराठी, डॉ. ल. रा. नसिराबादकर, फडके प्रकाशन, कोल्हापूर.

३. आधुनिक माहिती तंत्रज्ञानाच्या विश्वात, दीपक शिक्रापूरकर, उज्ज्वल मराठे, उत्कर्ष प्रकाशन, पुणे.

४. भाषांतरमीमांसा, कल्याण काळे, अंजली सोमण.

५. व्यावहारिक मराठी, पुणे विद्यापीठ प्रकाशन, पुणे.
६. व्यावहारिक मराठी, डॉ. कल्याण काळे, डॉ. दत्तात्रेय पुंडे, निराली प्रकाशन, पुणे.
७. व्यावहारिक मराठी, डॉ. लीला गोविलकर, डॉ. जयश्री पाटणकर, स्नेहवर्धन प्रकाशन, पुणे.
८. प्रसारमाध्यमांसाठी लेखन कौशल्य, यशवंतराव चव्हाण मुक्त विद्यापीठ, नाशिक.
९. व्यावहारिक मराठी, डॉ. सयाजीराजे मोकाशी, डॉ. रंजना नेमाडे
१०. कहाणी वर्तमानपत्राची, चंचल सरकार अनुवाद, दिनकर गांगल, नॅशनल बुक ट्रस्ट
११. द्विभाषी व्यावहारिक शब्दकोश (इंग्लिश - मराठी) गणेश ओतुरकर
१२. व्यावहारिक मराठी भाषा, शरदिनी मोहिते
१३. भाषांतरमीमांसा, संपादक डॉ .रमेश वरखेडे, यशवंतराव चव्हाण मुक्त विद्यापीठ, नाशिक.
१४. सायबर संस्कृती, डॉ. रमेश वरखेडे
१५. प्रसार माध्यमे आणि मराठी भाषा, संपादक, डॉ.भास्कर शेळके
१६. व्यावहारिक आणि उपयोजित मराठी, डॉ. मनोहर रोकडे
१७. मराठी भाषा उपयोजन आणि सर्जन, प्रा. सुहासकुमार बोबडे
१८. व्यावहारिक मराठी, संपादक डॉ. स्नेहल तावरे, स्नेहवर्धन प्रकाशन, पुणे.
१९. उपयोजित मराठी, संपादक डॉ. केतकी मोडक, संतोष शेणई, सुजाता शेणई
२०. व्यावहारिक व उपयोजित मराठी आणि प्रसारमाध्यमांची कार्यशैली, संपादक, डॉ. संदीप सांगळे
२१. ओळख माहिती तंत्रज्ञानाची, टिमोथी जे. ओ लिअरी
२२. https://shabdakosh.marathi.gov.in/ananya-glossary
२३. https://shabdakosh.marathi.gov.in/
२४. https://directorate.marathi.gov.in/
२५. https://sahitya.marathi.gov.in/
२६. https://rmvs.marathi.gov.in/
२७. https://vishwakosh.marathi.gov.in/
२८. http://sahitya-akademi.gov.in/

प्रश्नपत्रिकेचे स्वरूप

- व्यावहारिक व उपयोजित मराठी - भाग ५ [CC – 1 E (3)]
- व्यावहारिक व उपयोजित मराठी - भाग ६ [CC – 1 F (3)]

विद्यापीठ सत्र परीक्षा		
वेळ:३ तास	**घटकनिहाय प्रश्नतपशील**	**गुण: ७०**
प्रश्न क्रमांक		**गुण**
प्रश्न १ ला	६ पैकी ४ प्रश्नांची उत्तरे लिहा (घटक २ व ३)	२०
प्रश्न २ रा	३ पैकी २ उपप्रश्नांची उत्तरे लिहा. (घटक १)	२०
प्रश्न ३ रा	३ पैकी २ उपप्रश्नांची उत्तरे लिहा. (घटक २ आणि ३)	२०
प्रश्न ४ था	२ पैकी १ उपप्रश्नाचे उत्तरे लिहा. (घटक २ आणि ३)	१०
	सत्र परीक्षा एकूण गुण	**७०**
	अंतर्गत मूल्यमापन	
	लेखी परीक्षा (घटक १ आणि २)	२०
	घटक ३ **अभ्यासेतर - अभ्यासपूरक उपक्रम** : अभ्याससहल / क्षेत्र भेट / अहवाल लेखन / प्रकल्प कार्य / सादरीकरण / गृहपाठ / चर्चासत्र (यापैकी कोणतेही एक)	१०
	अंतर्गत मूल्यमापन एकूण गुण	**३०**
	सत्र परीक्षा व अंतर्गत मूल्यमापन एकूण गुण	**१००**

विशेष सूचना :

- अंतर्गत मूल्यमापनाचे नियोजन महाविद्यालयाने करावे.
- विद्यार्थ्यांचे अंतर्गत मूल्यमापनविषयक लेखन / तपशील विद्यापीठाच्या निर्देशानुसार , विहित कालावधीत महाविद्यालयाकडे जमा असणे आवश्यक आहे.
- विद्यापीठाच्या निर्देशानुसार विहित मुदतीत गुण विद्यापीठाकडे पाठवावे.

तृतीय वर्ष कला (T. Y. B. A.)

नियमित अभ्यासक्रम

पहिले सत्र

विषयाचे नाव

मध्ययुगीन मराठी वाङ्मयाचा स्थूल इतिहास : प्रारंभ ते इ.स. १६०० [DSE 1 C (3+1)]

अभ्यासक्रमाची उद्दिष्टे :

१ वाङ्मयेतिहास संकल्पना, स्वरूप, प्रेरणा, प्रवृत्ती समजून घेणे.
२ मध्ययुगीन कालखंडाची सामाजिक, सांस्कृतिक पार्श्वभूमी समजून घेणे.
३ मराठी भाषा, साहित्याची कालखंडानुरूप इतिहास समजून घेणे.

घटक	तपशील	श्रेयांक	तासिका
१	**वाङ्मयेतिहास संकल्पना आणि मराठी भाषा, वाङ्मयाचा उगम** १. वाङ्मयेतिहास : संकल्पना आणि स्वरूप २. मराठी वाङ्मयेतिहासाचे कालखंड : स्वरूपचर्चा मराठी भाषा व वाङ्मयाचा उगम (कोरीव लेख आणि ग्रंथ या साधनांच्या आधारे) **यादव काळ आणि बहामनी काळातील वाङ्मयनिर्मिती** १ या कालखंडांची सामाजिक आणि सांस्कृतिक पार्श्वभूमी २ महानुभाव वाङ्मय : प्रेरणा, प्रवृत्ती व स्वरूप	१	१५
२	३ महानुभाव वाङ्मय : गद्य ग्रंथ - लीळाचरित्र, स्मृतिस्थळ, दृष्टान्तपाठ. पद्य ग्रंथ - महदंबेचे धवळे, साती ग्रंथ. १. वारकरी वाङ्मय : प्रेरणा, प्रवृत्ती व स्वरूप (संत ज्ञानेश्वर, संत नामदेव, संतमेळा, संत एकनाथ, शेख महंमद)	१	१५
३	१. मुकुंदराज, नृसिंहसरस्वती, दासोपंत, फादर स्टीफन्स, ब्रह्मगुणदास : वाङ्मयनिर्मितीचे स्वरूप	१	१५
४	संशोधनपर प्रकल्प / क्षेत्र कार्य (घटक १, २ आणि ३)	१	१५

दुसरे सत्र

विषयाचे नाव

मध्ययुगीन मराठी वाङ्मयाचा स्थूल इतिहास - इ.स. १६०० ते इ.स. १८१७ [DSE1 D (3+1)]

घटक	तपशील	श्रेयांक	तासिका
१	**शिवकाल आणि पेशवेकाळातील वाङ्मयनिर्मिती** १. या कालखंडांची सामाजिक आणि सांस्कृतिक पार्श्वभूमी २. संत तुकाराम : वाङ्मयनिर्मितीचे स्वरूप ३. संत रामदास : वाङ्मयनिर्मितीचे स्वरूप	१	१५
२	**पंडित आणि शाहिरांची वाङ्मयनिर्मिती** १. पंडिती वाङ्मय : स्वरूप, प्रेरणा, प्रवृत्ती, आणि वैशिष्ट्ये मुक्तेश्वर, वामनपंडित, रघुनाथपंडित, मोरोपंत २. शाहिरी वाङ्मय **:** स्वरूप, प्रेरणा, प्रवृत्ती आणि वैशिष्ट्ये अनंत फंदी, परशराम, राम जोशी, प्रभाकर, होनाजी बाळा	१	१५
३	**बखर आणि गद्य वाङ्मयनिर्मिती** १. बखर वाङ्मय **:** स्वरूप, प्रेरणा, प्रवृत्ती आणि वैशिष्ट्ये सभासदाची बखर, शिवछत्रपतींचे सप्तप्रकरणात्मक चरित्र, शिवदिग्विजय, पानिपतची बखर, भाऊसाहेबांची बखर. २. आज्ञापत्र	१	१५
४	संशोधनपर प्रकल्प / क्षेत्र कार्य (घटक १, २ आणि ३)	१	१५

संदर्भ ग्रंथ :

१. महाराष्ट्र सारस्वत, वि. ल. भावे
२. मराठी भाषेचा व वाङ्मयाचा इतिहास, बा. अ. भिडे
३. मराठी वाङ्मयाचा इतिहास, खंड पहिला, ल. रा. पांगारकर
४. प्राचीन मराठी वाङ्मयाचा इतिहास, भाग १, पूर्वार्ध आणि उत्तरार्ध, अ. ना. देशपांडे
५. महाराष्ट्रीयांचे काव्यपरीक्षण, श्री. व्यं. केतकर
६. मराठी वाङ्मयाभिरुचीचे विहंगमावलोकन, जोग रा. श्री.
७. पाच भक्तीसंप्रदाय, र. रा. गोसावी
८. महाराष्ट्रातील पाच संप्रदाय, पं. रा. मोकाशी
९. नाथ संप्रदाय : उदय व विकास, प्र. न.जोशी
१०. मराठी साहित्याचे आदिबंध, उषा मा. देशमुख
११. यादवकालीन महाराष्ट्र, मु. गो. पानसे
१२. यादवकालीन मराठी, शं. गो. तुळपुळे
१३. महानुभवीय मराठी वाङ्मय, य. खु. देशपांडे
१४. महानुभाव पंथ आणि त्यांचे वाङ्मय, शं. गो. तुळपुळे
१५. श्रीचक्रधर : चरित्र, वि. भि. कोलते

१६. चक्रपाणि : आद्य मराठी वाङ्मयाची सांस्कृतिक पार्श्वभूमी, रा. चिं. ढेरे
१७. श्रीविठ्ठल : एक महासमन्वय, रा. चिं. ढेरे
१८. वारकरी पंथाचा इतिहास , शं. वा. दांडेकर
१९. वारकरी पंथ : उदय व विकास, भा. पं. बहिरट
२०. संतवाङ्मयाची सांस्कृतिक फलश्रुती, गं. बा. सरदार
२१. पाच संतकवी, शं. गो. तुळपुळे
२२. ज्ञानदेव आणि नामदेव, शं. दा. पेंडसे
२३. प्राचीन मराठी गद्य : प्रेरणा आणि प्रवृत्ती, श्री. रं. कुलकर्णी
२४. संत साहित्य : काही अनुबंध, अशोक कामत
२५. ओवी ते लावणी, श्री. रं. कुलकर्णी
२६. मध्ययुगीन मराठी वाङ्मय : एक पुनर्विचार, श्री. रं. कुलकर्णी
२७. मराठी भाषेचे मूळ, विश्वनाथ खैरे
२८. श्रीसमर्थ विरचित स्तोत्रवाङ्मय, र. रा. गोसावी
२९. रामदासांची काव्यदृष्टी : एक अभ्यास, रा. वि. चिटणीस
३०. पुन्हा तुकाराम, दिलीप चित्रे
३१. आनंदाचा डोह, रा. ग. जाधव
३२. दासबोध : वाङ्मयीन समीक्षा, रमेश तेंडुलकर
३३. टीकास्वयंवर, भालचंद्र नेमाडे
३४. तुकाराम : अंतर्बाह्य संघर्षाची अनुभवरूपे, म. सु. पाटील
३५. धर्मसंप्रदाय आणि मध्ययुगीन मराठी वाङ्मय, र. बा. मंचरकर
३६. प्राचीन मराठी वाङ्मयाचे स्वरूप, ह. श्री. शेणोलीकर
३७. मराठी संतवाणीचे मंत्राक्षरत्व, ह. श्री. शेणोलीकर
३८. मध्ययुगीन मराठी नाथसंप्रदायिक साहित्य संशोधनाच्या काही दिशा, र. रा. गोसावी
३९. तुकारामविषयक अभ्यासाचा मागोवा, मा. ना. आचार्य
४०. संत एकनाथांचा वारसा, रा. ग. जाधव
४१. संतसाहित्य : अभ्यासाच्या काही दिशा, कल्याण काळे व रा. शं. नगरकर
४२. मध्ययुगीन मराठी साहित्य : एक पुनर्विचार, श्री. रं. कुलकर्णी
४३. वाङ्मयेतिहासाची संकल्पना, द. दि. पुंडे
४४. शिवकालीन राजनीती आणि रणनीती, श्री. रं. कुलकर्णी
४५. संतसाहित्याचे समाजशास्त्रीय दृष्टिक्षेप, सदानंद मोरे
४६. तुकारामदर्शन, सदानंद मोरे
४७. महानुभाव साहित्य : शोध संचार, अविनाश आवलगावकर
४८. श्रीगोविंदप्रभुविषयक साहित्य : शोध आणि समीक्षा, अविनाश आवलगावकर
४९. लीळाचरित्र : संशोधन आणि समीक्षा, अविनाश आवलगावकर
५०. महानुभाव साहित्य : शोध आणि चिकित्सा, अविनाश आवलगावकर.
५१. प्राचीन मराठी भक्तीवाङ्मयाची स्वातंत्र्योत्तर समीक्षा, सतीश बडवे
५२. संतसाहित्याचा वाङ्मयीन अभ्यास, सुहासिनी इर्लेकर
५३. शुद्ध ऐसे ब्रह्मज्ञान, उल्हास कृष्णराव पाटील

प्रश्नपत्रिकेचे स्वरूप

- मध्ययुगीन मराठी वाङ्मयाचा स्थूल इतिहास : प्रारंभ ते इ.स. १६०० [DSE 1 C (3+1)]
- मध्ययुगीन मराठी वाङ्मयाचा स्थूल इतिहास - इ.स. १६०१ ते इ.स. १८१७ [DSE1 D (3+1)]

विद्यापीठ सत्र परीक्षा		
वेळ : ३ तास	**घटकनिहाय प्रश्न तपशील**	**गुण : ७०**
प्रश्न क्रमांक		गुण
प्रश्न १ ला	३ पैकी २ प्रश्नांची उत्तरे प्रत्येकी ५० शब्दांपर्यंत लिहा. (घटक १,२, ३)	१०
प्रश्न २ रा	३ पैकी २ प्रश्नांची उत्तरे प्रत्येकी २०० शब्दांपर्यंत लिहा. (घटक १)	२०
प्रश्न ३ रा	३ पैकी २ प्रश्नांची उत्तरे प्रत्येकी २०० शब्दांपर्यंत लिहा. (घटक २)	२०
प्रश्न ४ था	३ पैकी २ प्रश्नांची उत्तरे २०० शब्दांपर्यंत लिहा. (घटक ३)	२०
सत्र परीक्षा एकूण गुण		**७०**
अंतर्गत मूल्यमापन		
लेखी परीक्षा (घटक १, २ आणि ३)		२०
संशोधनपर प्रकल्प / क्षेत्रकार्य (घटक १, २ आणि ३)		१०
सत्र परीक्षा आणि अंतर्गत मूल्यमापन एकूण गुण		**१००**

विशेष सूचना :

- अंतर्गत मूल्यमापनाचे नियोजन महाविद्यालयाने करावे.
- विद्यार्थ्यांचे अंतर्गत मूल्यमापनविषयक लेखन / तपशील विद्यापीठाच्या निर्देशानुसार, विहित कालावधीपर्यंत महाविद्यालयाकडे जमा असणे आवश्यक आहे.
- विद्यापीठाच्या निर्देशानुसार विहित मुदतीत गुण विद्यापीठाकडे पाठवावे.

तृतीय वर्ष कला (T. Y. B. A.)

नियमित अभ्यासक्रम

पहिले सत्र

विषयाचे नाव

वर्णनात्मक भाषाविज्ञान : भाग १ [DSE 2 C (3)+1]

अभ्यासक्रमाची उद्दिष्टे :

१ भाषा स्वरूप, वैशिष्ट्ये व कार्ये समजावून घेणे.
२ भाषा अभ्यासाची आवश्यकता स्पष्ट करणे.
३ भाषा अभ्यासाच्या शाखा आणि विविध पद्धतींचा थोडक्यात परिचय करून घेणे.
४ वागिन्द्रियाची रचना, कार्य आणि स्वननिर्मितीची प्रक्रिया समजावून घेणे.
५ स्वनविज्ञान, स्वनिमविचार आणि मराठीची स्वनिमव्यवस्था समजावून घेणे.

घटक	तपशील	श्रेयांक	तासिका
१	**भाषा : स्वरूप व संकल्पना** १ भाषा : स्वरूप, वैशिष्ट्ये व कार्ये २ संदेशन : मानव व मानवेतर संदेशन ३ भाषाभ्यासाच्या शाखा (ध्वनिविचार – व्याकरणविचार – अर्थविचार – शब्दसंग्रह - स्थूल परिचय) ४ भाषेच्या अभ्यासाचे महत्त्व व भाषाभ्यासाच्या पद्धती (ऐतिहासिक,वर्णनात्मक, सामाजिक, तुलनात्मक – स्थूल परिचय)	१	१५
२	**स्वनविचार** १ स्वनविज्ञान : स्वरूप व संकल्पना (उच्चारणकेंद्री - संचारणकेंद्री – श्रवणकेंद्री) २ वागिन्द्रीय : रचना व कार्य स्वनांची निर्मितिप्रक्रिया ३ स्वनांचे वर्गीकरण व वर्गीकरणाची तत्त्वे (उच्चारण स्थान, उच्चारण अवयव, प्रयत्न)	१	१५
३	**स्वनिमविचार** १ स्वन -स्वनिम-स्वनांतर (परस्पर संबंध व प्रकार) २ स्वनिमनिश्चितीची तत्त्वे ३ विनियोग संकल्पना (व्यवच्छेदक विनियोग- पूरक विनियोग - मुक्त परिवर्तन) मराठीची स्वनिमव्यवस्था (स्वरस्वनिम - अर्धस्वरस्वनिम - व्यंजन स्वनिम – खंडित व खंडाधिष्ठीत स्वनिम -बलाघात, सुरावली – नासिक्यरंजन - सीमासंधी)	१	१५
४	संशोधनपर प्रकल्प / क्षेत्रकार्य (घटक १, २ आणि ३)	१	१५

दुसरे सत्र

विषयाचे नाव

वर्णनात्मक भाषाविज्ञान : भाग २ - ४ [DSE 2 D (3)+1]

अभ्यासक्रमाची उद्दिष्टे :

१. रूपविन्यास आणि मराठीची रूपव्यवस्था समजावून घेणे
२. वाक्यविन्यास आणि वाक्यव्यवस्थेचा मराठी भाषेच्यासंदर्भात परिचय करून देणे
३. अर्थविन्यास या संकल्पनेचा भाषावैज्ञानिक अंगाने परिचय करून देणे

घटक	तपशील	श्रेयांक	तासिका
१	**रुपिमविचार** १ रूपविन्यास (संकल्पना) २ रूपिका - रुपिम – रुपिकांतर : स्वरूप व प्रकार ३ रूपिम निश्चितीची तत्त्वे ४ विनियोग संकल्पना ५ प्रकृती आणि प्रत्यय यांचे वर्गीकरण	१	१५
२	**वाक्यविचार** १ वाक्यविन्यास (संकल्पना परिचय) २ घटक आणि रचना : परस्पर संबंध ३ वाक्याचे घटक (उद्देश्य, विधेय) ४ प्रथमोपस्थित संघटक संकल्पना व वाक्यविश्लेषण (शब्द – शब्दबंध – उपवाक्य – वाक्य) ५ वाक्यांचे प्रकार	१	१५
३	**अर्थविचार** १ अर्थ : स्वरूप व संकल्पना २ अर्थविन्यास (संकल्पना परिचय) ३ अर्थाचे वर्गीकरण (प्रकार: सांकल्पनिक अर्थ - साहचर्यपर अर्थ- शैलीगत अर्थ- भावपर अर्थ- परावर्तीत अर्थ - विषय अर्थ) ४ अर्थविन्यासाची व्यापकता (समानार्थी शब्द, अनेकार्थी शब्द – सरूपता – अर्थसमावेश – अर्थविरोध)	१	१५
४	संशोधनपर प्रकल्प / क्षेत्रकार्य (घटक १, २ आणि ३)	१	१५

संदर्भ ग्रंथ :

१. वैखरी, अशोक केळकर

२. भाषाविज्ञान : वर्णनात्मक आणि ऐतिहासिक, मिलिंद मालशे, लोकवाड.मय प्रकाशन,मुंबई.

३. मराठीचा भाषिक अभ्यास, मु.श्री.कानडे

४. वर्णनात्मक भाषाविज्ञान :स्वरूप आणि पद्धती, संपा.कल्याण काळे,डॉ.सोमण

५. आधुनिक भाषाविज्ञान, संपा. कल्याण काळे

६. अभिनव भाषाविज्ञान, डॉ.गं.ना.जोगळेकर

७. वर्णनात्मक भाषाविज्ञान, डॉ.लीला गोविलकर

८. भाषाशास्त्रविचार, डॉ. र. बा.मंचरकर

९. ध्वनिविचार, ना.गो.कालेलकर, डॉ.प्रभाकर जोशी

१०. सुलभ भाषाविज्ञान, दत्तात्रय पुंडे

११. भाषाविज्ञान परिचय, स.गं.मालशे

१२. सुबोध भाषाविज्ञान, प्र.न. जोशी

१३. आधुनिक भाषाविज्ञान : सिद्धांत,उपयोजन, मिलिंद मालशे

१४. आधुनिक भाषाविज्ञान, डॉ.मिलिंद सं. मालशे

१५. भाषाशास्त्र प्रदीप, संपा. स. गं. मालशे, द. दि. पुंडे, अंजली सोमण

१६. भाषा आणि भाषाविज्ञान, रमेश धोंगडे

१७. मराठीचे वर्णनात्मक भाषाविज्ञान, डॉ. महेंद्र कदम, स्नेहवर्धन प्रकाशन,पुणे

१८. भाषाविज्ञान परिचय, संपा. डॉ. वसंत शेकडे, संजय नगरकर व इतर, नवनरेंद्र प्रकाशन .

१९. भाषाविज्ञान : संकल्पना व स्वरूप, डॉ.आरती कुलकर्णी

प्रश्नपत्रिकेचे स्वरूप

- वर्णनात्मक भाषाविज्ञान : भाग १ [DSE 2 C (3)+1]
- वर्णनात्मक भाषाविज्ञान : भाग २ [DSE 2 D (3)+1]

विद्यापीठ सत्र परीक्षा		
वेळ : ३ तास	**घटकनिहाय प्रश्न तपशील**	**गुण : ७०**
प्रश्न क्रमांक		गुण
प्रश्न १ ला	३ पैकी २ प्रश्नांची उत्तरे प्रत्येकी ५० शब्दांपर्यंत लिहा. (घटक १,२, ३)	१०
प्रश्न २ रा	३ पैकी २ प्रश्नांची उत्तरे प्रत्येकी २०० शब्दांपर्यंत लिहा. (घटक १)	२०
प्रश्न ३ रा	३ पैकी २ प्रश्नांची उत्तरे प्रत्येकी २०० शब्दांपर्यंत लिहा. (घटक २)	२०
प्रश्न ४ था	३ पैकी २ प्रश्नांची उत्तरे २०० शब्दांपर्यंत लिहा. (घटक ३)	२०
सत्र परीक्षा एकूण गुण		**७०**
अंतर्गत मूल्यमापन		
लेखी परीक्षा (घटक १, २ आणि ३)		२०
संशोधनपर प्रकल्प / क्षेत्र कार्य (घटक १, २ आणि ३)		१०
सत्र परीक्षा आणि अंतर्गत मूल्यमापन एकूण गुण		**१००**

विशेष सूचना :

- अंतर्गत मूल्यमापनाचे नियोजन महाविद्यालयाने करावे.
- विद्यार्थ्यांचे अंतर्गत मूल्यमापनविषयक लेखन / तपशील विद्यापीठाच्या निर्देशानुसार, विहित कालावधीपर्यंत महाविद्यालयाकडे जमा असणे आवश्यक आहे.
- विद्यापीठाच्या निर्देशानुसार विहित मुदतीत गुण विद्यापीठाकडे पाठवावे.

तृतीय वर्ष कला (T. Y. B. A.)

नियमित अभ्यासक्रम

पहिले सत्र

विषयाचे नाव

कार्यक्रम संयोजनातील भाषिक कौशल्ये : भाग -१ [SEC 2 C (2)]

अभ्यासक्रमाची उद्दिष्टे :

१ कार्यक्रमांचे स्वरूप आणि प्रकार समजून घेणे.
२ कार्यक्रम संयोजनातील भाषिक कौशल्ये प्राप्त करणे.

घटक	तपशील	श्रेयांक	तासिका
१	**कार्यक्रमांचे स्वरूप आणि प्रकार** १. कार्यक्रमांचे स्वरूप आणि प्रकार : भाषणे, चर्चासत्रे, परिषदा, गटचर्चा, बैठक, मेळावे, कला – सांस्कृतिक कार्यक्रम, जाहिरात, विपणनविषयक, आभासी २. कार्यक्रम संयोजनातील विविध घटक (आयोजक, प्रायोजक, जाहिरात, निवेदक) आणि त्यांचे कार्य	१	१५
२	**कार्यक्रम संयोजनातील भाषिक कौशल्ये** १ पूर्वतयारी २ कार्यक्रम संयोजनातील भाषेचे महत्त्व ३ कार्यक्रमाची योजना, आखणी आणि रूपरेषा १. कार्यक्रमपूर्व नियोजन २. कार्यक्रमातील विविध घटक ३. भाषेचा वापर : निवेदन, प्रास्ताविक, परिचय, स्वागत,मनोगत,आभार, सूत्रसंचालन. ४. कार्यक्रमपश्चात कामे	१	१५

दुसरे सत्र

विषयाचे नाव

कार्यक्रम संयोजनातील भाषिक कौशल्ये : भाग २ [SEC 2 D (2)]

अभ्यासक्रमाची उद्दिष्टे :

१ कार्यक्रम संयोजनातील लेखन कौशल्ये संपादन करणे.

२ कार्यक्रम संयोजनातील भाषिक कौशल्ये प्राप्त करणे.

३ आभासी कार्यक्रमांचे भाषिक कौशल्ये संयोजन करणे.

घटक	तपशील	श्रेयांक	तासिका
१	**कार्यक्रम संयोजनातील लेखन कौशल्ये** १ निमंत्रणपत्र व निमंत्रणपत्रिका लेखन २ कार्यक्रमपत्रिका लेखन ३ मानपत्र लेखन ४ बातमी लेखन ५ कार्यक्रम अहवाल लेखन	१	१५
२	**कार्यक्रम संयोजन** १ कविसंमेलन २ वाचन प्रेरणा दिन ३ मराठी भाषा पंधरवाडा ४ मराठी भाषा दिन ५ व्याख्यानमाला ६ पुस्तक प्रदर्शन **आभासी कार्यक्रम संयोजन** १ झूम / गुगल मिट वरील व्याख्यान २ फेसबुक व यूट्यूब वरील कार्यक्रम live करणे वा अपलोड करणे.	१	१५

संदर्भग्रंथ :

१ व्यावहारिक मराठी, पुणे विद्यापीठ प्रकाशन.

२ मराठी भाषेची संवाद कौशल्ये, य. च. म. मुक्त विद्यापीठ, नाशिक.

३ व्यक्तिमत्त्व विकासासाठी संभाषण व लेखन कौशल्ये, संपा. डॉ. पृथ्वीराज तौर, डॉ. शैलेन्द्र लेंडे, डॉ. वंदना महाजन.

४ व्यावहारिक व उपयोजित मराठी, संपादक संदीप सांगळे, डायमंड प्रकाशन.

५ कार्यक्रमाचे प्रभावी संयोजन आणि सूत्रसंचालन, जयप्रकाश बगदे, साकेत प्रकाशन

६ व्यावहारिक मराठी, ल रा. नासिराबादकर, फडके प्रकाशन

७ प्रसारमाध्यमे आणि मराठी भाषा, संपादक डॉ. भास्कर शेळके, कर्मवीर प्रकाशन पुणे
८ व्यावहारिक मराठी, डॉ. लीला गोविलकर, डॉ.जयश्री पाटणकर
९ व्यावहारिक मराठी, डॉ. कल्याण काळे, डॉ. दत्तात्रय पुंडे, निराली प्रकाशन

प्रश्नपत्रिकेचे स्वरूप

- कार्यक्रम संयोजनातील भाषिक कौशल्ये : भाग १ [SEC 2 C (2)]
- कार्यक्रम संयोजनातील भाषिक कौशल्ये : भाग २ [SEC 2 D (2)]

विद्यापीठ सत्र परीक्षा		
वेळ : २ तास	**घटकनिहाय प्रश्न तपशील**	**गुण : २५**
प्रश्न क्रमांक		गुण
प्रश्न १ ला	दोन पैकी एका प्रश्नाचे उत्तर लिहा. (घटक १)	१०
प्रश्न २ रा	दोन पैकी एका प्रश्नाचे उत्तर लिहा. (घटक २)	१०
प्रश्न ३ रा	दोन पैकी एका प्रश्नाचे उत्तर लिहा. (घटक १ आणि २)	५
एकूण गुण		**२५**
अंतर्गत मूल्यमापन		
लेखी परीक्षा, गृहपाठ, चर्चासत्र, सादरीकरण, समूह चर्चा, प्रकल्प कार्य, अभ्यास भेट यापैकी कोणत्याही दोन प्रकारांतून अंतर्गत मूल्यमापन करावे. (१५+१०)		**२५**
एकूण गुण		**५०**

विशेष सूचना :

- अंतर्गत मूल्यमापनाचे नियोजन महाविद्यालयाने करावे.
- विद्यार्थ्यांचे अंतर्गत मूल्यमापनविषयक लेखन / तपशील विद्यापीठाच्या निर्देशानुसार, विहित कालावधीपर्यंत महाविद्यालयाकडे जमा असणे आवश्यक आहे.
- विद्यापीठाच्या निर्देशानुसार विहित मुदतीत गुण विद्यापीठाकडे पाठवावे.

Third Year B. Com. (Skill Based) CBCS

Out Line Of The Course

Semester-V

Course No.	Course / Title of Paper	Course	University Assessment			Credits	Total Marks
			Theory	Practical	Internal		
351	Advanced Accounting – I	Core Course	30	50	20	4	100
352(A) OR 352 (B)	Indian and Global Economic Development – Or International Economics – I	Core Course	70	10	20	4	100
353	Auditing & Taxation – I	Core Course	70	10	20	4	100
354	Special Course Paper – II (Same Special Course Offered at S.Y.B.Com) **Any One From Following** A. Business Administration B. Banking and Finance C. Cost and Works Accounting D. Business Entrepreneurship	Special Course Paper – II	70	10	20	4	100
355	Special Course Paper – III (Same Special Course Offered at S.Y.B.Com) **Any One From Following (Same as in 304)** A. Business Administration B. Banking and Finance C. Cost and Works Accounting D. Business Entrepreneurship	Special Course Paper – III	70	10	20	4	100
356	Skill based Compulsory Computer Fundamentals	Skill based Compulsory	30	50	20	4	100
357	Skill based Elective same as in Second yearn (ANY One) Cutting and Sewing Beatification Photography Hand and Machine Embroidery Repairing and Maintenance of Electronic devices	Skill based Elective	30	50	20	4	100
Total			370	190	140	28	700

Third Year B. Com. (Skill Based) CBCS
Semester-VI

Course No.			Course / Title of Paper	Course	University Assessment		Total Marks
			Theory	Practical	Internal	Credits	
361	Advanced Accounting – I	Core Course	30	50	20	4	100
362(A) OR 362 (B)	Indian and Global Economic Development – Or International Economics – I	Core Course	70	10	20	4	100
363	Auditing & Taxation – I	Core Course	70	10	20	4	100
364	Special Course Paper – II (Same Special Course Offered at S.Y.B.Com) **Any One From Following** E. Business Administration F. Banking and Finance G. Cost and Works Accounting H. Business Entrepreneurship	Special Course Paper – II	70	10	20	4	100
365	Special Course Paper – III (Same Special Course Offered at S.Y.B.Com) **Any One From Following (Same as in 304)** E. Business Administration F. Banking and Finance G. Cost and Works Accounting H. Business Entrepreneurship	Special Course Paper – III	70	10	20	4	100
366	Skill based Compulsory Computer Fundamentals	Skill based Compulsory	30	50	20	4	100
367	Skill based Elective same as in Second yearn (ANY One) Cutting and Sewing Beatification Photography Hand and Machine Embroidery Repairing and Maintenance of Electronic devices	Skill based Elective	30	50	20	4	100
Total			370	190	140	28	700

T.Y. B.Com. (Skill Based) CBCS
Compulsory Paper
Subject Name -: Advanced Accounting.
Course code 351
Semester-V

Preamble

In today's modern age, the Corporate, Banking and Investment sectors are the major contributors towards development of Indian Economy. In the last two Decades, these sectors have seen the largest and fastest growing sectors and enormous growth in Indian economy. In this growth, accounting plays an Energetic role and to ensure safeguard of the interest of the stakeholders and the society. It is, therefore, important to educate the students of commerce in the accounting practices adopted by different organizations. It helps stakeholders make better business decisions and deal with problems by providing them with accurate financial information. By studying the Learning Path in Accounting – Advance Concepts you will gain a deeper understanding of the accounting process and what it involves.

Objectives of the course

1. To acquaint the student with knowledge about various concepts, objectives, and applicability of some important accounting standards.
2. To develop the knowledge among the students about reorganization of business regarding restructuring the capital.
3. To update the students with knowledge for preparation of final accounts of a Banking Companies with the provisions of Banking Regulation Act
1949.
4. To empower to students with skills to prepare the investment account in simple and summarized manner.

Objectives of the Program

1. To instil the knowledge about accounting procedures, methods and techniques.
2. To impart students' knowledge of various Advanced Accounting Concepts.

Depth of the program – Fundamental Knowledge

Total Marks 100
(Theory 30, Practical 50, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)30+50+20			Credits
		Theory	Practical	72	Th	P	Internal	
1	**Accounting Standards & Financial Reporting** Brief Review of Indian Accounting Standards ‗ Introduction to AS- 3, AS-12 and AS-19 with simple numerical. ‗ Introduction to IFRS - Fair Value Accounting.	9	9	18	10	7	20	1
2	**Accounting for Capital Restructuring (Internal Reconstruction)** Meaning and Concept of Capital Restructuring, Types of Capital	9	9	18	15	8		1

	Restructuring, Meaning & of Internal Reconstruction ‗ Accounting Entries: Alteration of Share Capital, Reduction of Share Capital, Reduction in Liabilities, Cancellation of Expenses, Losses etc. Preparation of Balance Sheet after Internal Reconstruction							
3	**Final Accounts of Banking Companies** Introduction of Banking Company, Legal Provisions regarding Non-Performing Assets (NPA) - Reserve Fund - Acceptance, Endorsements & Other Obligations - Bills for Collection – Rebate on Bills Discounted – Provision for Bad and Doubtful Debts ‗ Vertical form of Final Accounts as per Banking Regulation Act 1949 ‗ Simple Numerical on Preparation of Profit & Loss A/c and Balance Sheet in vertical form.	9	9	18	10	7		1
4	**Investment Accounting** Meaning & Introduction, Classification of Investments, ‗ Meaning & Calculation of the Concept of Acquisition Cost & Carrying Cost of Investment, ‗ Calculation of Profit/loss on disposal of investments.	9	9	18	15	8		1
		36	36	72	50	30	20	4

Teaching Methodology

Unit No.	Innovative methods to be Used	Film shows and AV Applications	Project	Expected Outcome
1	Use of e- contents, online lectures and PowerPoint Presentations	Lectures of experts available on YouTube andother digital platforms	Individual assignment report	Developing understanding on applicability of various Accounting Standards
2	Use of e- contents, onlinelectures and MCQ based Quiz, PowerPoint Presentations	Lectures of experts available on YouTube and other digital platforms	Individual assignment of solving practical problems	Knowledge about of the Accounting for Capital Restructu

				ring
3	Use of e- contents, onlinelectures, MCQ based Quiz, PowerPoint Presentations	Study of the Final Accounts of Banking companies from its Annual Report	Individual assignment of solving practical problems	Conceptual Clarity and Practical understandin g of preparation of final accounts of banking companies.
4	Use of e- contents, online lectures and PowerPoint Presentations	Lectures of experts available on YouTube andother digital platforms	Individual assignment of solving practical problems	Developing knowledge about Investment Accounting

Method of Evaluation

S.N	Question	Nature of Question	Marks 30	**Suggested Add on Course**
1.	1	Assignments Or Test	10 marks	
2.	2	Group Presentation /PPT	10 marks	
3	3	Visit any Bank or Industries or Small Firm(Decide Subject Teacher)	10 marks	
4				Any one Certificate Course
		Total 30	30	

Final Exam Pattern of Question Paper

S.NO	Question	Nature of Question	• Marks
1	Question 1 Answer the following questions (15 objective type questions)	Objective Question (Fill in the blanks, Multi choice Questions, Answer in one sentence) Unit-1,2,3,4	15
2	Question 2 (Practical Problems)	Practical Problems	10
3	Question 3 (Practical Problems)	Practical Problems	10
4	Question 5	Long Questions Out of 5 students have to do 3	15
		Total	50

References:

- **List of Books Recommended:**

1. Advanced Accounts: By M.C. Shukla & S.P. Grewal (S.Chand & Co. Ltd.)
2. Advanced Accountancy: By S. P. Jain & K.N. Narang (Kalyani Publishers)
3. Advanced Accountancy: By R. L. Gupta & M. Radhaswamy (Sultan Chand & Sons)
4. Company Accounts: By S.P. Jain & K.L. Narang
5. Advanced Accounts: By Paul Sr.
6. Corporate Accounting: By Dr. S. N. Maheshwari & S.K. Maheshwari
7. Corporate Accounting: By Mukharji & Hanif
8. Accounting Standards –as issued by Institute of Chartered Accountants of India

- **List of Videos Recommended:**

Topic Name	Links
Accounting Standards & Financial Reporting	https://youtu.be/zxSaR3JNQzE https://youtu.be/d8QaGSKWkuU https://youtu.be/HmAzVMlYf5U https://youtu.be/g40Po3TbHcM https://youtu.be/6d7wrVPmaPs https://youtu.be/OVNOno8qHIs?list=TLPQMDEwNjIwMjGQcqyNjkn5tw https://youtu.be/mvbpTW9WUPk

T.Y. B.Com. (Skill Based)CBCS
Compulsory Paper
Subject Name -: Advanced Accounting.
Course code 361
Semester-VI

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)30+50+20			Credits
		Theory	Practical	72	Th	P	Internal	
1	**Final Accounts of Co-operative Societies** -Meaning and Introduction, - Allocation of Profit as per Maharashtra State Co- operative Societies Act. - Preparation of Final Accounts of Credit Co-op. Societies & Consumer Co-op. Societies	9	9	18	10	7	20	1
2	**Branch Accounting** Concept of Branches & their Classification from accounting point of view. - Accounting treatment of dependent branches & independent branches. - Methods of charging goods to branches.	9	9	18	15	8		1
3	**Recent Trends in Accounting** Forensic Accounting - Accounting for Corporate Social Responsibility - Accounting for Derivative Contracts - Artificial Intelligence in Accounting	9	9	18	10	7		1
4	**Analysis of Financial Statements** Ratio Analysis: Meaning - Objectives - Nature of Ratio analysis, Types of Ratios – Profitability, Liquidity, Leverage etc. - Simple Problems on following Ratios: - Gross Profit, - Net Profit, - Operating, - Stock Turnover, - Debtors Turnover, - Creditors Turnover, - Current Ratio, Liquid Ratio, - DebtEquity Ratio, - Working Capital to Net worth, Assets Turnover Ratio.	9	9	18	15	8		1
		36	36	72	50	30	20	4

Teaching Methodology

Unit No.	Innovative methods to be Used	Film shows and AV Applications	Project	Expected Outcome
1	Use of e- contents, online lectures and PowerPoint Presentations	Lectures of experts available on YouTube andother digital platforms	Individual assignment report	Developing understanding on applicability of various Accounting Standards
2	Use of e- contents, onlinelectures and MCQ based Quiz, PowerPoint Presentations	Lectures of experts available on YouTube and other digital platforms	Individual assignment of solving practical problems	Knowledge about of the Accounting for Capital Restructuring
3	Use of e- contents, onlinelectures, MCQ based Quiz, PowerPoint Presentations	Study of the Final Accounts of Banking companies from its Annual Report	Individual assignment of solving practical problems	Conceptual Clarity and Practical understanding of preparation of final accounts of banking companies.
4	Use of e- contents, online lectures and PowerPoint Presentations	Lectures of experts available on YouTube andother digital platforms	Individual assignment of solving practical problems	Developing knowledge about Investment Accounting

Method of Evaluation

S.N	Question	Nature of Question	Marks 30	**Suggested Add on Course**
1.	1	Assignments Or Test	10 marks	
2.	2	Group Presentation /PPT	10 marks	
3	3	Visit any Bank or Industries or Small Firm(Decide Subject Teacher)	10 marks	
4				Any one Certificate Course
		Total 30	30	

Final Exam Pattern of Question Paper

S.NO	Question	Nature of Question	• Marks
1	Question 1 Answer the following questions (15 objective type questions)	Objective Question (Fill in the blanks, Multi choice Questions, Answer in one sentence) Unit-1,2,3,4	15
2	Question 2 (Practical Problems)	Practical Problems	10
3	Question 3 (Practical Problems)	Practical Problems	10
4	Question 5	Long Questions Out of 5 students have to do 3	15
		Total	50

List of Books Recommended:

1. Advanced Accounts: By M.C. Shukla & S.P. Grewal (S.Chand & Co. Ltd.)
2. Advanced Accountancy: By S. P. Jain & K.N. Narang (Kalyani Publishers)
3. Advanced Accountancy: By R. L. Gupta & M. Radhaswamy (Sultan Chand & Sons)
4. Advanced Accounts: By Paul Sr.
5. Notes Issued by ICAI
6. Management Accounting: By I. M. Pandey 7. Principles of Management Accounting: By I. M. Pandey

T.Y. B.Com. (Skill Based)CBCS
Compulsory Paper
Subject Name -: Indian & Global Economic Development
Course Code -: 352 (A)
Semester-V

Preamble:

An approach to Indian and Global Economic Development is to examine the Indian economic development policies in context with global economies. This paper aims to provide knowledge about economic development of India, economic development policies that are applied for development of economy in general and development of various sectors in particular. It also aims to develop ability of the students to analyze the development of Indian economy as compared to global economies through the comparison of different sectors like agriculture, Industry, service and availability of resources and its quality.

Scope of the Programme –

Knowledge related to development policies of Indian Economy as compared to World Economies.

Objectives:

1. To develop ability to analyze economic development process of India.
2. To impart knowledge about the relevance of economic practices in modern competitive world.
3. To help the students develop a sound theoretical foundation for their future academic ventures.

Course Outcomes:-

1. Students will be able to understand present Economic Scenario of Indian Economy as well as World Economy.
2. Students will be able to understand the various aspects of development in Agricultural, Industrial and service sector in India.
3. Student will be able to critically evaluate the role of India in international economy.
4. Students will be able to evaluate the working of international financial organization and institutions.

Paper No 352 **Marks:-100**

(Theory 70, Practical 10, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P- Practical)			Credit
		Theory	Practical	72	Th(70)	P(10)	Internal	

1	**Introduction** 1.1 Economic Development: Meaning and Indicators 1.2Basic Characteristics of the Indian Economy as an emerging economy. 1.3 Developed and Developing Countries 1. 4Comparison of the Indian Economy with developed economies with reference to National Income, Population, Agriculture, Industry and Service Sector	14	4	18	15	2	20	1
2.	**Agricultural Development In India** **2.1** Indian Agriculture: Role and Progress **2.2** Low Productivity of Indian Agriculture: Causes and Measures **2.3** Agricultural Finance: Need and Sources **2.4** Agricultural Marketing: Problems and Measures 2.5 New Farm Act 2020 **2.6** Organic Farming and Contract Farming:Meaning and Advantages	14	4	18	20	3		1
3.	**Industrial Development in India** **3.1** Role of Industrialization in Indian Economic Development **3.2** New Industrial Policy 1991 **3.3** Role of Micro, Small and Medium Scale Enterprises (MSMEs) in India **3.4** Role and Problems of Public Sector Enterprises in India **3.5** New Schemes for Industrial Development:Make in India, Start-up India and Stand up India	14	4	18	15	2		1
4	**Service Sector and Infrastructural Development in India** **4.1** Role and Growth of Service Sector in India **4.2** Meaning and Effects of Digital Economy, E Commerce and E-Finance **4.3** Role of Infrastructure in Economic Development of India **4.4** Role of Public and Private Sector inInfrastructural	14	4	18	20	3		1

	Development							
	Total	56	16	72	70	10	20	4

Pattern of Practical Examination

S.N	Question	Nature of Question	CONVERT OUT OF 10 Marks 30
1.	1	Journal	10 marks
2.	2	Assignment	10 marks
3	3	Powerpoint presentation	10 marks
		Total 30 (Convert out of 10)	30

Pattern of Question Paper

S.NO	Question	Nature of Question	• Marks
1	Question 1 (A) Answer the following questions (15 objective type questions)	Objective Question (Answer in one sentence) all units	7
	Question 1(B)	Objective question (Fill in the blanks, Multi choice Questions,	8
2	Question 2	Answer the following question in one or two sentences(Any 5)	10
3	Question 3 (Practical Problems)	Answer the following question in three or four sentences(Any 5)	15
4	Question 4	Write question with the help of sub question (Any 2)	15
		Answer the following question in 15 or 20 sentence with the help of sub question (any 2)	15
		Total	70

Recommended Books:

1. Misra S.K. and Puri V.K. Indian Economy, Himalaya Publishing House, Delhi.
2. Black and Sundaram,International Business Environment, Prentice Hall India.

3. Tayebmonis H.,The Global Business Environment, Sage Publication, New Delhi.
4. Charles Hill, International Business, Competing in the Global Market place, Arunkumar Jain, Tata McGraw Hill.
5. Gupta K.R, Sharma Manoranjan, Indian Economic Policies and Data, Atlantic Publishers and Distributers (P) Ltd.
6. Ann Larkin Hansen, The Organic Farming Manual, Storey Publishing, North Adams.
7. Jhingan M.L., International Economics, Vrinda Publications, Delhi.
8. RuddarDatta and K.P.M. Sundaram, Indian Economy, S. Chand and Co., New Delhi.
9. Agarwal A.N., Indian Economy, Problems of Development and Planning, New Age International Publishers.
10. Bhole, L.M., impacts of Monetary Policy, Himalaya Publishing House, New Delhi.
11. Kayndepatil,G.V, Agricultural Economies: Theory & Policy, ChaitanyaPubli. Nasik
12. BajpaiA.D.N., Caubey S.K. et al, Leading Issues of Indian Economy, Atlantic Publishers and Distributers.
13. Brics development bank launched, first president to be from India, Times of India July 16,2014
14. Ministry of Finance, Government of India (Oxford Press), Economic Survey 2020.
15. Arun Kumar, International Business- competing in the Global Marketplace- Charles Hill.
16. World Bank, World Development Report
17. Magazines / Journals Reports,
18. Web sites:

- www.,mospi.gov.in/national-sample-survey-office-nsso- (Ministry of Statistics and Programme Implementation, GoI)
- https://www.toppr.com/ask/question/economic-development-is-characterized-by-which-of-the-following/
- https://www.economicsdiscussion.net/economic-development/role-of-agriculture-in-the-economic-development
- https://www.iedunote.com/foreign-trade
- https://www.vedantu.com/commerce/liberalisation
- https://ncert.nic.in/textbook/pdf/keec103.pdf

T.Y. B.Com. (Skill Based) CBCS
Compulsory Paper
Subject Name -: Indian & Global Economic Development
Course Code -: 362 (A)
Semester-VI

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)			Credit
		Theory	Practical	72	Th(70)	P(10)	Internal	
1	Human Resources and Economic Development 1.1 Role of Human Resources in Economic Development 1.2 Human Development Index and India 1.3 1.3 Concepts of Different Indexes in Quality of Life and Status of India 1.3.1 Gender Development Index 1.3.2 Gender Inequality Index 1.3.3 Human Poverty Index 1.3.4 Global Hunger Index	14	4	18	15	2	20	1
2.	Foreign Capital and Economic Development 2.1 Role of Foreign Capital in Economic Development 2.2 Types of Foreign Capital 2.3 Foreign Investment in India Since 2001 2.4 Limitations of Foreign Capital	14	4	18	20	3		1

3.	India's Foreign Trade and Balance of Payment 3.1 Role of Foreign Trade in Indian Economic Development 3.2 India's Foreign Trade Since 2001 3.3 India's Recent Foreign Trade Policy (EXIM Policy) 3.4 Meaning and Components of Balance of Payment 3.5 India's Balance of Payment Since 2001 3.6 Causes of Unfavorable Balance of Payment 3.7 Convertibility of Indian Rupee – Current and Capital Account	14	4	18	15	2		1
4	International Financial Institutions & Regional Economic Cooperation 4.1 International Bank for Reconstruction and Development (World Bank) - Objectives and Functions 4.2 International Monetary Fund (IMF) - Organization and Functions 4.3 World Trade Organization (WTO) - Introduction and Functions 4.4 South Asian Association for Regional Co-operation (SAARC) – Introduction and Functions 4.5 BRICS: Introduction and Functions	14	4	18	20	3		1
	Total	56	16	72	70	10	20	4

Unit No.	No. of Lecture	Innovative methods to be used	Film Shows and AV Applications	Project		Expected Outcome
1	10	Open Book discussion Digital lectures Reading Projects	You Tube lectureson Development Theories and Indian Economic Development	Implication of HDI • Policies of Indian Government for improving Human Quality		Students will understand basic concepts of Development. Will be able to analyze and interpretcritically
2	10	Group discussion Case studies Problem solving based Learning	You Tube lectures, Lectures on SWAYAM Portal	Role of Foreign Capital in Developing Countries • Concepts of Foreign Capital		Will know Difficulties in agriculturaldevelopment in India. Will understand the sources of agrofinance marketing

3	14	Pair learning Group discussion Open book discussion	Teacher oriented PPTs. You tube lectures	Role of Foreign Trade in Development of Developing Countries • Trends of Trade in developed and developing countries • Concepts of Balance of Trade and Balance of Payments	Will understand New Industrial Policy Able to interpret the features of IndianIndustrial Sector
4	14	Group discussion Teacherdriven power point presentation	You tube lectures Online PPTs	Role of International Financial Institutions In Development of Developing Countries • Importance of Economic Cooperation in Development	Will understand the Role of service sector in economy Will know the importance of Infrastructural Development in Indian Economy

Pattern of Practical Examination

S.N	Question	Nature of Question	CONVERT OUT OF 10 Marks 30
1.	1	Journal	10 marks
2.	2	Assignment	10 marks
3	3	Powerpoint presentation	10 marks
		Total 30 (Convert out of 10)	30

Pattern of Question Paper

S.NO	Question	Nature of Question	• Marks
1	Question 1 (A) Answer the following questions (15 objective type questions)	Objective Question (Answer in one sentence) all units	7
	Question 1(B)	Objective question (Fill in the blanks, Multi choice Questions,	8
2	Question 2	Answer the following question in one or two sentences(Any 5)	10
3	Question 3 (Practical Problems)	Answer the following question in three or four sentences(Any 5)	15
4	Question 4	Write question with the help of sub question (Any 2)	15
		Answer the following question in 15 or 20 sentence with the help of sub question (any 2)	15
		Total	70

Recommended Books:

1. Misra S.K. and Puri V.K. Indian Economy, Himalaya Publishing House, Delhi.
2. Black and Sundaram,International Business Environment, Prentice Hall India.
3. TayebmonisH.,The Global Business Environment, Sage Publication, New Delhi.
4. Charles Hill, International Business, Competing in the Global Market place, Arunkumar Jain, Tata McGraw Hill.
5. Jhingan M.L., International Economics, Vrinda Publications, Delhi.

6. RuddarDatta and K.P.M. Sundaram, Indian Economy, S. Chand and Co., New Delhi.
7. Agarwal A.N., Indian Economy, Problems of Development and Planning, New Age International Publishers.
8. Bhole, L.M., impacts of Monetary Policy, Himalaya Publishing House, New Delhi.
9. JaywantR.Bhadane, (2018) Foreign Policy of NarendraModi, International Publi.
10. Brics development bank launched, first president to be from India, Times of India July 16,2014
11. Ministry of Finance, Government of India (Oxford Press), Economic Survey 2020.
12. Arun Kumar, International Business- competing in the Global Marketplace- Charles Hill.
13. UNDP, Human Development Report. 14. World Bank, World Development Report 15. Magazines / Journals Reports, 16. Web sites:
16. Web sites:
• www.,mospi.gov.in/national-sample-survey-office-nsso- (Ministry of Statistics and Programme Implementation, GoI)
• https://www.yourarticlelibrary.com/economics/foreign-capital-in-india-need-and-forms-of-foreign-capital/23565
• https://www.iedunote.com/foreign-trade
• https://www.vedantu.com/commerce/liberalisation
• https://ncert.nic.in/textbook/pdf/keec103.pdf
• http://hdr.undp.org/en/content/latest-human-development-index-ranking
• https://communitymedicine4all.com/2019/12/24/human-poverty-index-hpi-and-multidimensional-poverty-index-mpi/
• https://resourcewatch.org/data/explore/Gender-Development-Index
• https://en.wikipedia.org/wiki/Brexit#:~:text=Brexit%20(%2F%CB%88br%C9%9B,(00%3A00%20CET).
• https://www.sebi.gov.in • https://www.rbi.org.in – (Reserve Bank of India)

T.Y. B.Com. (Skill Based) CBCS
Compulsory Paper
International Economics

Course Code 352(B)

Objectives:

1) To study the theories of International Trade.
2) To highlight the trends and challenges faced by nations in a challenging global environment

Paper No 352 (B) **Marks:-100**

(Theory 70, Practical 100, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)			Credit
		Theory	Practical	72	Th(70)	P(10)	Internal 20	
1	**International Economics** **1.1** Meaning and Scope of International Economics **1.2** Importance of International Economics **1.3** Inter-regional Trade and International Trade **1.4** Role of International Trade in Economic Development **1.5** Trade Problems Facing LDC's	14	4	18	15	3		1
2	**Theories of International Trade** **2.1** Theory of Absolute Cost Advantage **2.2** Theory of Comparative Cost Advantage **2.3** Theory of Factor Endowment	14	4	18	20	2		1

	(Heckscher-Ohlin) **2.4** Leontief Paradox **2.5** Recent Development in Theories- 2.5.1 New Trade Theory (Zeala-Harrison) Product Life Cycle Theory (Vernon)							
3	**Trade Policy** **3.1** Free Trade Policy – Meaning, Arguments for and Against **3.2** Protection Policy – Meaning, Arguments for and Against **3.3** Tools of Protection: Meaning and Types 3.3.1 Tariffs 3.3.2 Quotas **3.4** Dumping: Concept and its Effects	14	4	18	15	3		1
4	**Terms of Trade** **4.1** Meaning and Importance of Terms of Trade **4.2** Types of Terms of Trade A) Gross Barter Terms of Trade B) Net Barter Terms of Trade C) Income Terms of Trade D) Single Factorial Terms of Trade **4.3** Factors affecting Terms of Trade **4.4** Causes of Unfavourable Terms of Trade toDeveloping Countries	14	4	18	20	2		1
		56	16	72	70	10	20	4

Teaching Methodology:

UnitNo.	**No. of Lectures**	**Innovative methodsto beused**	**Film Shows and AV Applications**	**Project**	**Expected Outcome**
1	**10**	• Open book discussion • Digital lectures • Reading • Projects	You tube lectureson International economics	Difference in Inter-regional and International trade Role of international trade in economic development of country	• Students will understand concepts of international economics • Will be able to analyze and interpret

2	**14**	• Group discussion • Case studies	You tube lectures, Lectures on SWAYAM Portal	• Critical evaluation of trade theories. • Comparison between different trade theories • Recent development in trade theories	Will know various theories of international trade. Will understand the difference between classical and modern approaches of trade theories
3	**12**	• Pair learning • Group discussion • Open book	• Teacher oriented PPTs. • You tube	• Critical evaluation of • Free Trade Policy • Protection policy	Will understand the differencebetween Free Trade Policy
		discussion	lectures	• In present context	Protection policy Able to interpret means of protectionand free trade
4	**12**	• Group discussion • Teacher driven • Games and simulation	• You tube lectures • Online PPTs	• Different concepts of terms of trade • Causes of unfavourable terms of trade for India	Will understand the concept of termsof trade Will know the factors affecting onterms of trade

Pattern of Practical Examination

S.N	Question	Nature of Question	CONVERT OUT OF 20 Marks 30
1.	1	Journal	10 marks
2.	2	Assignment	10 marks
3	3	Powerpoint presentation	10 marks
		Total 30 (Convert out of 20)	30

S.NO	Question	Nature of Question	• Marks

1	Question 1 (A) Answer the following questions (15 objective type questions)	Objective Question (Answer in one sentence) all units	10
	Question 1(B)	Objective question (Fill in the blanks, Multi choice Questions,	5
2	Question 2	Answer the following question in one or two sentences(Any 5)	15
3	Question 3 (Practical Problems)	Answer the following question in three or four sentences(Any 5)	15
4	Question 4	Write question with the help of sub question (Any 2)	10
		Answer the following question in 15 or 20 sentence with the help of sub question (any 2)	15
		Total	70

Pattern of Practical Examinatio

Recommended Books :

1. Dr.D.M.Mithani – International Economics (Himalaya Publishing house ltd)
2. Bo Sodersten, Geoffirey Reed, International Economics (3rd Edition) Publisher Red Globe Press
3. Z.M.Jhingan : International Economics (Vrinda Publication)
4. Robert Feenstra, Alan M Taylor, International Trade (5th Edition) Publisher Worth
5. Dr.Mrs.NirmalBhalerao&S.S.M.Desai – International Economics (Himalaya Publishing house ltd)

1. Kenan, P.B. (1994), The International Economy, Cambridge University Press, London.
2. Kindlberger, C.P. (1973), International Economics, R.D. Irwin, Homewood.
3. Krugman, P.R. and M. Obstgeld (1994), International Economics: Theory and Policy, Glenview, Foresman.
4. Salvatore, D.L. (1997), International Economics, Prentice-Hall, Upper Saddle River, N.J.
5. Sodersten, Bo (1991), International Economics, Macmillan Press Ltd., London.
6. International Economics , M.L. Jhingan
7. Bhagwati, J. (Ed.) (1981), International Trade, Selected Readings, Cambridge University Press, Mass.
8. Greenaway, D. (1983), International Trade Policy, Macmillan Publishers Ltd., London.
9. Joshi V. and I.M.D. Little (1998), India's Economic Reforms, 1999-2001, Oxford University Press, Delhi.
10. Panchmukhi, V.R. (1978), Trade Policies of India: A Quantitative Analysis, Concept Publishing Company, New Delhi.
11. Patel, S.J. (1995), Indian Economy towards the 21st Century, University Press Ltd., India.
12. DeminicSalvatove – International Economics
13. Francis Cherunilam – International Economics, McGraw Hill publications
14. Francis Cherulliom - International Economics (Prentice hall)
15. L.M.Bhole – Financial Institutions Markets (Tata McGraw Hill)
16. H.R.Macharaju – Internathttps://saylordotorg.github.io/text_international-trade-theory-and-policy/s07-01-factor-mobility- verview.htmlional Financial.

17. https://princonkedi.files.wordpress.com/2015/08/international-economics-francis-cherunilam-pdf.pdf

18. https://www.emerald.com/insight/content/doi/10.1108/00251749710160214/full/html

19. https://www.economicsonline.co.uk/Global_economics/Terms_of_trade.html

20. https://en.wikipedia.org/wiki/Main_Page

21. https://saylordotorg.github.io/text_international-trade-theory-and-policy/s07-01-factor-mobility-overview.html

22. https://www.worldbank.org/en/publication/global-economic-prosphttps://www.academia.edu/23377962/International_Trade_and_Factor_Mobility_Theoryssects

23. https://openknowledge.worldbank.org/handle/10986/2140

24. https://www.imf.org/en/About#:~:text=The%20IMF%20was%20established%20in,staff%20drawn%20from%20150%20nations.

1. https://infobrics.org/

https://princonkedi.files.wordpress.com/2015/08/international-economics-francis-cherunilam-pdf.pdf

2. https://www.emerald.com/insight/content/doi/10.1108/00251749710160214/full/html
3. https://www.economicsonline.co.uk/Global_economics/Terms_of_trade.html
4. https://en.wikipedia.org/wiki/Main_Page
5. https://saylordotorg.github.io/text_international-trade-theory-and-policy/s07-01-factor-mobility-overview.html
6. https://www.worldbank.org/en/publication/global-economic-prosphttps://www.academia.edu/23377962/International_Trade_and_Factor_Mobility_Theoryssects
7. https://openknowledge.worldbank.org/handle/10986/2140
8. https://www.imf.org/en/About#:~:text=The%20IMF%20was%20established%20in,staff%20drawn%20from%20150%20nations.
9. https://infobrics.org/

T.Y. B.Com. (Skill Based) CBCS
Compulsory Paper
International Economics

Course Code 362(B)

Marks:-100 **(Theory 70, Practical 100, Internal 20)**

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P- Practical)			Credit
		Theory	Practical	72	Th(70)	P(10)	Internal 20	
1	Balance of Payment 1.1 Concept of Balance of Trade and Balance of Payments 1.2 Balance of Payment on Current Account and Capital Account 1.3 Causes of Disequilibrium in Balance of Payment 1.4 Measures to Correct Disequilibrium in Balance of Payment 1.5 Convertibility of Rupee on Current and Capital Account	14	4	18	15	3		1
2	Foreign Exchange 2.1 Foreign Exchange Market 2.1.1 Meaning 2.1.2 Functions 2.1.3 Structure 2.1.4 Euro Dollar Market 2.2. Foreign Exchange Rate 2.2.1 Meaning of Foreign Exchange Rate 2.2.2 Fixed and Flexible Exchange Rate- Merits and Demerits 2.2.3 Determination of Foreign Exchange Rate: Purchasing Power Parity Theory	14	4	18	20	2		1
3	International Factor Mobility 3.1 Labour Migration- Meaning, Causes and Effects 3.2 Brain Drain- Concept, Causes and Effects 3.3 Types of Foreign Capital 3.3.1 Foreign Direct Investment 3.3.2 Foreign Institutional Investments 3.4 Problems of Foreign Capital 3.5 Role of Multinational Corporations (MNC's)	14	4	18	15	3		1
4	International Economic Institutions and Regional	14	4	18	20	2		1

	Cooperation 4.1 World Trade Organization (WTO): Objectives and Functions 4.2 International Monetary Fund (IMF): Organization and Functions 4.3 World Bank: Objectives and Functions 4.4 South Asian Association for Regional Cooperation (SAARC): Objectives and Functions 4.5 BRICS- Introduction and Functions							
		56	16	72	70	10	20	4

UnitNo.	**No. of Lectures**	**Innovative methodsto beused**	**Film Shows and AV Applications**	**Project**	**Expected Outcome**
1	**10**	• Open book discussion • Digital lectures • Reading • Projects	You tube lectureson International economics	Difference in Inter-regional and International trade Role of international trade in economic development of country	• Students will understand concepts of international economics • Will be able to analyze and interpret
2	**14**	• Group discussion • Case studies	You tube lectures, Lectures on SWAYAM Portal	• Critical evaluation of trade theories. • Comparison between different trade theories • Recent development in trade theories	Will know various theories of international trade. Will understand the difference between classical and modern approaches of trade theories
3	**12**	• Pair learning • Group discussion • Open book	• Teacher oriented PPTs. • You tube	• Critical evaluation of • Free Trade Policy • Protection policy	Will understand the differencebetween Free Trade Policy

Pattern of Practical Examination

S.N	Question	Nature of Question	CONVERT OUT OF 20 Marks 30
1.	1	Journal	10 marks
2.	2	Assignment	10 marks
3	3	Powerpoint presentation	10 marks
		Total 30 (Convert out of 20)	30

S.NO	Question	Nature of Question	• Marks
1	Question 1 (A) Answer the following questions (15 objective type questions)	Objective Question (Answer in one sentence) all units	10
	Question 1(B)	Objective question (Fill in the blanks, Multi choice Questions,	5
2	Question 2	Answer the following question in one or two sentences(Any 5)	15
3	Question 3 (Practical Problems)	Answer the following question in three or four sentences(Any 5)	15
4	Question 4	Write question with the help of sub question (Any 2)	10
		Answer the following question in 15 or 20 sentence with the help of sub question (any 2)	15
		Total	70

Recommended Books:-

1. Dr.D.M.Mithani – International Economics (Himalaya Publishing house ltd)
2. Bo Sodersten, Geoffirey Reed, International Economics (3rd Edition) Publisher Red Globe Press
3. Kenan, P.B. (1994), The International Economy, Cambridge University Press, London.
4. Kindlberger, C.P. (1973), International Economics, R.D. Irwin, Homewood.
5. Krugman, P.R. and M. Obstgeld (1994), International Economics: Theory and Policy, Glenview, Foresman. 6. Salvatore, D.L. (1997), International Economics, Prentice-Hall, Upper Saddle River, N.J.
7. Sodersten, Bo (1991), International Economics, Macmillan Press Ltd., London.
8. International Economics , M.L. Jhingan
9. Z.M.Jhingan : International Economics (Vrinda Publication)
10. Robert Feenstra, Alan M Taylor, International Trade (5th Edition) Publisher Worth
11. Dr.Mrs.NirmalBhalerao&S.S.M.Desai – International Economics (Himalaya Publishing house ltd)
12. DeminicSalvatove – International Economics
13. Francis Cherunilam – International Economics, McGraw Hill publications
14. Francis Cherulliom - International Economics (Prentice hall)
15. Panchmukhi, V.R. (1978), Trade Policies of India: A Quantitative Analysis, Concept Publishing Company, New Delhi.
16. Patel, S.J. (1995), Indian Economy towards the 21st Century, University Press Ltd., India.
17. L.M.Bhole – Financial Institutions Markets (Tata McGraw Hill)
18. H.R.Macharaju – Internathttps://saylordotorg.github.io/text_international-trade-theory-and-policy/s07-01-factor-mobilityoverview.htmlional Financial Markets and India (Wheeler Publication)
19. https://www.economicsdiscussion.net/international-economics/international-economics-its-concept-

parts/4205
20. https://www.emerald.com/insight/content/doi/10.1108/00251749710160214/full/html
21. https://www.economicsonline.co.uk/Global_economics/Terms_of_trade.html
22. https://en.wikipedia.org/wiki/Main_Page
23. https://openknowledge.worldbank.org/handle/10986/2140
24. https://infobrics.org/
25. https://economictimes.indiatimes.com/definition/Brexit
26. https://europa.eu/european-union/index_en

Compulsory Paper
Subject Name -: Auditing & Taxation
Paper No 353
Semester-V

Objectives -:

1. To acquaint themselves about the Definition, Nature, Objectives and Advantages of Auditing, Types of Audit, Errors and Fraud, Audit Program, Notebook, Working Paper, Internal Control, Check.
2. To get knowledge about concept of Checking, Vouching, Verification and Valuation, Types of Audit Report and Auditing Assurance Standard.
3. To understand the provision related Qualification, Disqualification, Appointment, Removal, Rights ,Duties and Liability of Company Auditor and Provisions regarding Tax Audit as per Income Tax Act 1961 (Section 44 AA to 44AE).
4. To know the various new concepts in computerized system and Forensic Audit.

Paper No 303 **Marks:-100**
(Theory 70, Practical 10, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)			Credit
		Theory	Practical	144	Th(70)	P(10)	Internal	4
1	**Introduction toPrinciples of Auditing and Audit Process** Definition, Nature-objects-Advantages of Auditing-Types of errors and frauds Various Classes of Audit. Audit programme, Audit Note Book, Working Papers, Internal Control-Internal Check-Internal Audit.	12	6	18	15	2	20	1
2.	**Checking, Vouching and Audit Report** Test checking-Vouching of Cash Book-Verification and Valuation of Assets and Liabilities. Types of Audit Report-Audit Certificate-Difference between Audit Report and Audit Certificate. Auditing and Assurance Standards.(AAS-1,2,3,4,5)	12	6	18	20	3		1
3.	**Company Auditand Tax Audit** **Company Audit** Qualification, Disqualifications, Appointment, Removal,Rights, Duties and liabilities of Company Auditor **Tax Audit** Provisions under Income Tax Act 1961 (Sec 44AA,44AB, 44AD, 44ADA,44AE) Recent Amendment made as applicable as per IncomeTax Act 1961	12	6	18	15	2		1

4.	**Auditing in an EDP Environment** Genera l EDP Control – EDP Applic ation Control - Computer Assisted Audit Techniques (Factors andPreparation of CAAT) **Forensic Audit** Definition, Importance of Forensic Auditor, Services Render by Forensic Auditor, Process of Forensic Auditingand Forensic Audit Techniques and Forensic Audit Report	12	6	18	20	3		1
		48	24	72	70	10		4

Sr. No	. Topic	Particulars	Mode of Practical
1.	Audit & Auditing Process	Study of Meaning, Definition, Nature, objectives , Auditing process	Library Assignment/ Guest lecture
2.	Audit Report	Meaning , Qualified & Clean Audit Report, Forms of Audit Report	Library Assignment/ Guest lecture
3.	Tax Audit	Scope Auditor`s Role under Tax Audit	Library Assignment/ Guest lecture
4.	Audit of Computerized System	Auditing in an EDP Environment, Audit Practice in relation to computerized System	Visit to Tax Consultant
5.	Income from Salary	Meaning of salary, Allowance & Tax liability, perquisites & valuation	Visit to Assessee
6.	Income from House Property	Basis of chargeability, Important points regarding Income from house property, Determination of gross annual value of self occupied property,	Visit to let out Property owner/ Guest lecture
7.	Profits & Gains of	Meaning of business &	Visit to Business

	Business & Profession	profession, procedure for computing taxable profit of business and profession	Firm
8.	Deduction Under Sec.80 C to 80 U	Deduction Under Sec.80 C to 80 U	Visit to Tax Consultant/ Guest lecture
9.	Income Tax Returns –Form 16, ITR – I,II, III,IV	Filling and colleting the Form No. 16, Filling and collecting ITRs	Visit to Tax Consultant/ Guest lecture

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks 30(convert in to 20)
1.	1	Journal based on given practical	10 marks
2.	2	Assignment based on practical	10 marks
3	3	Visit report	10 marks
		Total 30 (Convert out of 10)	30

Pattern of Question Paper

S.NO	Question	Nature of Question	• Marks
1	Question 1 Answer the following questions (15 objective type questions)	Objective Question (Fill in the blanks, Multi choice Questions, Answer in one sentence) all units	10
2	Question 2 (Practical Problems)	Manual Problems (Unit-II)	15
3	Question 3 (Practical Problems)	Practical Problems (Unit-III)	15
4	Question 4	Manual problems	15
5	Question 5	Short note (any 3)	15
		TOTAL	70

Recommended Books

1.Practical Auditing -: Spicer and Peglar
2. Auditing Principles -: Jagadish Prasad
3. A Handbook of Practical Auditing -: B.N. Tondon
4. Auditing assurance standards- -: The Institute of Chartered Accountants of India
5. Indian Income Tax -: Dr.Vinod Singhania
6. Income Tax- -: Ahuja and Gupta
7. Income Tax Act -: R.N.Lakhotia
8. Indian Income Tax Act -: H.C.Malhotra
9. Income Tax -: Manoharem
10. Student guide to Income Tax -: Dr.Vinod Singhania

Sr. No	**Title of Book**	**Author/s**	**Publication**
1	Practical Auditing	Spicer and Peglar	Allied, 1975, H.F.L., 1978
2	A Handbook of Practical Auditing	B.N. Tondon	S Chand & Co Ltd

3	Auditing assurance standards	The Institute of Chartered Accountants of India	ICAI
4	Company Accounts & Audit	The Institute of Cost Accountants of India	ICMAI
5	Fundamentals of Accounting and Auditing	The Institute of Company Secretaries of India	ICSI

T.Y. B.Com. (Skill Based) CBCS
Compulsory Paper
Subject Name -: Auditing & Taxation
Paper No 363
Semester-VI

Marks:-100 **(Theory 70, Practical 10, Internal 20)**

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)			Credit
		Theory	Practical	144	Th(70)	P(10)	Internal	4
1	Income Tax Act1961- Important Definitions and Concepts. 1.1Introduction- Features of Income Tax, Scope of Income Tax Act, and Importance of Income Tax payment for development of country. 1.2 Definitions-Income, Person, Assessee, Deemed Assessee, Assessment year, Pervious year, Agricultural Income, Exempted Income, Gross Total Income (GTI) , Total Taxable Income (TTI), Residential Status of an Assessee, PAN, TAN 1.3 Concept of Capital receipts, revenue receipts and capital expenditure, revenue expenditure	12	6	18	15	2	20	1
2.	Sources and Computation of income under 24 Taxable Income under the various Heads of Income 2.1 Income from Salary – Meaning of salary, Salient features of salary Allowances and tax Liability. Perquisites and their Valuation, Treatment of provident fund, Deductions from salary. (Theory and Problems) 2. Income from House Property -Basis of Chargeability, Types of property, Annual Value Self occupied and let out property, Deductions allowed (Theory and Problems) 3. Income from Profits and Gains of Business and Professions – Definition of Business , profession, vocation, speculative business, Methods of accounting, Deductions expressly allowed and disallowed (Theory And Problems) 4. Income from Capital Gains – Meaning,	12	6	18	20	3		1

	Chargeability-definitions- Capital assets, transfer, cost of acquisition, Cost of Improvement, Short term and long term capital assets and Capital gains, cost inflation Index, Deductions allowed. (Theory only) 5. Income from other sources- Chargeability Method of accounting, deductions, Amounts not deductible. (Theory And Problems)							
3.	Computation of Total Taxable Income (TTI)and tax liability Gross total Income-Deductions u/s-80C, 80CCC to 80 U – Total Taxable Income, Income Tax calculation of Individual - (Rates applicable for respective Assessment year), Education cess and higher education cess, surcharge, etc.(calculation of tax payable as per old regime and new regime)	12	6	18	15	2		1
4.	E-Filing and E-provisions Due dates of filing return, E-filing of income tax return and forms used, advance tax , TDS(Tax deducted at source),Assessment, AIR (Annual information return), SFT(Specified financial transactions).	12	6	18	20	3		1
		48	24	72	70	10		4

Sr. No	**. Topic**	**Particulars**	**Mode of Practical**
1.	Audit & Auditing Process	Study of Meaning, Definition, Nature, objectives , Auditing process	Library Assignment/ Guest lecture
2.	Audit Report	Meaning , Qualified & Clean Audit Report, Forms of Audit Report	Library Assignment/ Guest lecture
3.	Tax Audit	Scope Auditor`s Role under Tax Audit	Library Assignment/ Guest lecture
4.	Audit of Computerized System	Auditing in an EDP Environment, Audit Practice in relation to computerized System	Visit to Tax Consultant
5.	Income from Salary	Meaning of salary, Allowance & Tax liability, perquisites & valuation	Visit to Assessee
6.	Income from House	Basis of chargeability,	Visit to let out

	Property	Important points regarding Income from house property, Determination of gross annual value of self occupied property,	Property owner/ Guest lecture
7.	Profits & Gains of Business & Profession	Meaning of business & profession, procedure for computing taxable profit of business and profession	Visit to Business Firm
8.	Deduction Under Sec.80 C to 80 U	Deduction Under Sec.80 C to 80 U	Visit to Tax Consultant/ Guest lecture
9.	Income Tax Returns –Form 16, ITR – I,II, III,IV	Filling and colleting the Form No. 16, Filling and collecting ITRs	Visit to Tax Consultant/ Guest lecture

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks 30(convert in to 20)
1.	1	Journal based on given practical	10 marks
2.	2	Assignment based on practical	10 marks
3	3	Visit report	10 marks
		Total 30 (Convert out of 10)	30

Pattern of Question Paper

S.NO	Question	Nature of Question	• Marks
1	Question 1 Answer the following questions (15 objective type questions)	Objective Question (Fill in the blanks, Multi choice Questions, Answer in one sentence) all units	10
2	Question 2 (Practical Problems)	Manual Problems (Unit-II)	15
3	Question 3 (Practical Problems)	Practical Problems (Unit-III)	15
4	Question 4	Manual problems	15
5	Question 5	Short note (any 3)	15
		TOTAL	70

Reference Books

1 Indian Income Tax Dr.Vinod Singhania Taxmann Publication . www. Taxmann.com New Delhi
2 Income Tax Dr. Girish Ahuja and Dr. Ravi Gupta Wolters kluwer New Delhi
3 Income Tax Act Shri.R.N.Lakhotia Vision books New Delhi
4 Indian Income Tax Act Dr. H.C. Melhrotra , Dr. S.P Goyal Sahitya Bhavan publication Agra
5 Income Tax T.N. Manoharn and G R. Hari Snow white New Delhi
6 Student guide to Income Tax Dr.Vinod Singhania Taxmann Publication www. Taxmann.com New Delhi

T.Y. B.Com. (Skill Based) CBCS
Business Administration Special Paper II
Subject Name -: Business Administration
Semester V
Course Code-354(A)

Objective:-

1. To acquaint the student with knowledge about various Concepts , Objectives of the Human Resource Function , to identify the difference between Human Resource Management and Human Resource Development
2. To update the students on the emerging trends in the area of Human Resource Management
3. To develop understanding among the students the process of Recruitment and Selection, understanding the various means and methodsassociated with the Recruitment and Selection function
4. To educate the students on the importance of Training and Development and its impact on Career Planning and Development

Paper No 304 (A) **Marks:-100**

(Theory 70, Practical 10, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)			Credit
		Theory	Practical	144	Th(70)	P(10)	Internal	4
1	Introduction to Human ResourceFunction of Management 1.1 Meaning, Objectives and Functions of Human Resource , , Difference betweenHuman Resource Management and Human Resource Development 1.2 Organization, Scope and functions of Human Resource Department in ModernBusiness. 1.3 Human Resource Planning – Nature and Scope, Job analysis - Job description -Job specification. 1.4 Human Resource Planning – Role of Human Resource Planning, Steps in Human Resource Planning , Factors influencing Human Resource Planning. Essentials of a Good Human Resource Planning , Job Analysis – Process , Tools and Techniques , Job Description & Job Specification – Meaning and Distinguishbetween Job Description & Job Specification. 1.5 Emerging Concept of H.R.D. Quality Circles ,Kaizen ,Talent Management	12	6	18	15	2	20	1

	and Leadership Development ,HRD as a Business Partner ,Visionary and Transforming Leadership, E- Learning: Integration of IT and HR , HRIS (Human Resource Information Systems) ,Incorporation of careerdevelopment ,Internal consultancy and Linkage to knowledge management							
2.	Recruitment andSelection 1.1 Recruitment – Meaning, Purpose/ Importance, Sources of Recruitment, andFactors Governing Recruitment Process 1.2 Selection – Meaning, Importance of selection procedure, Tools of Selection andselection Process 1.3 Distinguish between Recruitment and Selection 1.4 Types of Employment tests, Types of Interviews	12	6	18	20	3		1
3.	Training and Development 1.1 Meaning ,Need , Objectives of Training and Development, Benefits/Importance of Training to the organisation and employees. 1.2 Types of Training , Methods of Training and Development, Process/ Procedurefor effective Training. 1.3 Career Development , Steps in Career Development , Stages of Career Development , Advantages and Limitations of Career Development, CareerDevelopment Cycle , Career Counselling and Self Development							
4.	PerformanceAppraisal Management 1.1 Introduction, Meaning, Need and Importance of Performance Appraisal 1.2 Process of Performance Appraisal 1.3 Merits and Limitations of Performance Appraisal 1.4 Methods and Techniques of Performance Appraisal Ethical Performance Appraisal	12	6	18	20	3		1
		48	24	72	70	10		4

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks 309 Convert it out of 20)
1.	1	Journal	10 marks
2.	2	Assignment	10 marks
3	3	Powerpoint presentation	10 marks
		Total 30 (Convert out of 20)	30

Pattern of Question Paper

S.NO	Question	Nature of Question	• Marks
1	Question 1 (A) Answer the following questions (15 objective type questions)	Objective Question (Answer in one sentence) all units	10
	Question 1(B)	Objective question (Fill in the blanks, Multi choice Questions,	5
2	Question 2	Answer the following question in one or two sentences(Any 5)	15
3	Question 3	Answer the following question in three or four sentences(Any 5)	15
4	Question 4	Write question with the help of sub question (Any 2)	10
		Answer the following question in 15 or 20 sentence with the help of sub question (any 2)	15
		Total	70

- Personnel and Human Resource Management – A M Sharma (Himalaya Publishing House)
- Personnel Management and Industrial Relations- R S Davar (Vikas Publishing House)
- Human Resource Development and Management- Biswanath Ghosh (Vikas Publishing House)
- Personnel Management – C.B. Mamaria, S V Gankar (Himalaya Publishing House)
- Human Resource Management – AShwathappa
- Human Resource Management - *Gary Dessler*
- HR from the Outside In: Six Competencies for the Future of Human Resources - Dave Ulrich, Jon Younger, Wayne Brockbank, Mike Ulrich
- The HR Scorecard - *Brian Becker, Mark Huselid, Dave Ulrich*
- Victory Through Organization - ***Dave Ulrich, David Kryscynski, Wayne Brockbank, Mike Ulrich***
- Investing in people. Financial Impact of Human Resource Initiatives - *KirsWayne Cascio, John Boudreau*
- Work Rules! -*Laszlo Bock*
- HR Rising!!: From Ownership to Leadership -***Steve Browne***
- The Practical Guide to HR Analytics: Using Data to Inform, Transform, and Empower HR Decisions - ***Shonna D. Waters, Valerie N. Streets,Lindsay McFarlane, and Rachael Johnson-Murray***

T.Y. B.Com. (Skill Based) CBCS
Business Administration Special Paper II
Subject Name -: Business Administration
Semester VI
Course Code-364(A)

Paper No 364 (A) **Marks:-100**

(Theory 70, Practical 10, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P- Practical)			Credit
		Theory	Practical	144	Th(70)	P(10)	Internal	4
1	Introduction to Marketing 1.1 Marketing – Introduction, Meaning , Scope , Objectives , Features, Functions and Importance 1.2 Types of Markets – Regulated Market , Organised Market & Unorganised Market ,Virtual/ Internet Market, Industrial Market , Consumer Market, Financial Market , Auction Market and Black Market 1.3 Difference between Selling & Marketing 1.4 Evolution of Marketing Concepts – Exchange Concept, Production Concept , Product Concept, Selling Concept Marketing Concept, Societal Concept, Relationship Marketing Concept, Holistic Concept and Pace Concept	12	6	18	15	2	20	1
2.	Marketing Mix & Market Segmentation 1.1 Marketing Mix – Meaning , Features , 7 P's of Marketing (Product , Price , Place, People, Promotion , Processes and Physical Evidence) , Environmental Factors affecting Marketing Mix – Consumers, Competitors , Trade Factors, Political & Legal , Economic , Social , Technological , Global. 1.2 Market Segmentation – Meaning , Advantages and Limitations , Essentials of Effective Market Segmentation, Methods /Basis of Market Segmentation : Geographic, Demographic , Sociographic, Psychographic and Behavioural. , Steps in Market Segmentation 1.3 Mass Marketing, Multi Segment Marketing and Niche Marketing – Meaning, Advantages and Limitations	12	6	18	20	3		1
3.	Product Management, Pricing Management, 1.1 Product Levels – Core Product, Basic Product, Expected, Augmented Product and Potential Product 1.2 Product Life Cycle 1.3 Branding - Meaning , Types of Brands, Brand Equity & Brand Loyalty and Brand Extension – Meaning Advantages and							

	Limitations 1.4 Pricing – Meaning, Objectives 1.5 Factors affecting Pricing – Internal Factors – Cost, Objectives of Firm, Product, Image of Firm, Product Life Cycle Product Line and Credit Policy External Factors – Competition, Demand, Consumers, Channel intermediaries, Economic Conditions, Government Control. 1.6 Pricing Methods – Cost Plus Pricing, Mark up Pricing, Brake Even Pricing, Target Return Pricing , Marginal Cost Pricing , Early Cash Recovery Pricing , Perceived Value Pricing , Going Rate Pricing , Sealed Bid Pricing , Differentiated Pricing , 2 Part Pricing and Demand Backward Pricing							
4.	Promotion and Distribution and Recent Trends in Marketing 1.1 Promotion Mix – Meaning , Objectives , Elements of Promotion Mix – Advertising , Publicity , Sales Promotion, Personal Selling , Public Relations, Packaging , Direct Marketing , Trade Fairs and Exhibitions 1.2 Advertising – Meaning, Importance , Scope , Advantages of Advertising 1.3 Types of Advertising Media – Radio , News Paper , Print Media , Social Media Advertising , Online Advertising 1.4 Difference between Advertising , Publicity and Sales Promotion 1.5 Recent Trends in Marketing - Visualization , Voice Search ,Live Video and Video marketing, Integrated Online-Offline Customer Experience , The Internet of Everything ,Content marketing ,Search Engine Optimization /Semantic keyword research , Browser push notifications ,Social Media Marketing ,Virtual / Internet Marketing , Green Marketing , Social Marketing	12	6	18	20	3		1
		48	24	72	70	10		4

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks 309 Convert it out of 20)
1.	1	Journal	10 marks
2.	2	Assignment	10 marks
3	3	Powerpoint presentation	10 marks
		Total 30 (Convert out of 20)	30

Pattern of Question Paper

S.NO	Question	Nature of Question	• Marks
1	Question 1 (A) Answer the following questions (15 objective type questions)	Objective Question (Answer in one sentence) all units	10
	Question 1(B)	Objective question (Fill in the blanks, Multi choice Questions,	5
2	Question 2	Answer the following question in one or two sentences(Any 5)	15
3	Question 3	Answer the following question in three or four sentences(Any 5)	15
4	Question 4	Write question with the help of sub question (Any 2)	10
		Answer the following question in 15 or 20 sentence with the help of sub question (any 2)	15

References: List of Books Recommended: -

- Basics of Marketing- Cannon
- Marketing Management, Philips, Kotler
- Marketing – Gandhi 9
- Principles of Marketing – Sherlekar S.A.
- International Marketing- P. Saravanavel (Himalaya Publishing House)
- Modern Marketing Management- R.S. Davar
- Epic Content Marketing by Joe Pullizzi
- Social Media ROI by Olivier Blanchard
- The Anatomy of Buzz by Emanuel Rosen
- Selling the invisible by Harry Beckwith
- Permission Marketing by Seth Godin

T.Y. B.Com. (Skill Based) CBCS
Banking & Finance Special Paper II
Course Code -: 364(B)

Semester -V

Objective -:

1.To acquaint the students with Financial Markets and its various segments.

2. To give the students and understanding of the operations and developments in financial markets in India.

3. To enable them to gain an insight into the functioning and role of financial institutions in the Indian Economy

Paper No 364 (B) **Marks:-100**

(Theory 70, Practical 10, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)			
		Theory	Practical	72	Th(70)	P(10)	Internal (20)	Credit
1	**1. Indian Financial System:** 1.1 Meaning and Definition of FinancialSystem in India. 1.2 Structure of Indian Financial System 1.3 Functions of financial system in India 1.4 Role of financial system in EconomicDevelopment 1.5. Indicators of Financial Development	12	6	18	8	3	20	1
2	**Indian Money Market :** 2.1 Meaning and definition of IndianMoney Market 2.2 Functions of Indian Money Market 2.3 Participants in Indian Money Market 2.4 Credit Instruments used in IndianMoney Market 2.5 Deficiencies of Indian Money Market. Recent development in Indian Money Market	12	6	18	8	2		1
3	**Indian Capital Market:** 3.1Meaning and definition of IndianCapital Market 3.2 Functions of Indian Capital Market 3.3 Participants in Indian Capital Market 3.4 Credit Instruments used in IndianCapital Market 3.5 Deficiencies of Indian Capital Market. Recent development in Indian Capital Market	14	6	20	8	3		1
4.	**Foreign Exchange Market:** 4.1. Meaning and definition of foreignexchange market 4.2. Functions of Foreign Exchange Market 4.3 Participants in Foreign Exchange Market 4.4. Determination of Exchange Rate	12	6	18	6	2		1

	4.5 Recent development in Foreign Exchange Market							
	Total	48	24	72	30	10		4

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks 30(Convert it in 20)
1.	1	Journal	10 marks
2.	2	Assignment	10 marks
3	3	Powerpoint presentation	10 marks
		Total 30 (Convert out of 20)	30

Pattern of Question Paper

S.NO	Question	Nature of Question	• Marks
1	Question 1 (A) Answer the following questions (15 objective type questions)	Objective Question (Answer in one sentence) all units	10
	Question 1(B)	Objective question (Fill in the blanks, Multi choice Questions,	5
2	Question 2	Answer the following question in one or two sentences(Any 5)	15
3	Question 3	Answer the following question in three or four sentences(Any 5)	15
4	Question 4	Write question with the help of sub question (Any 2)	10
		Answer the following question in 15 or 20 sentence with the help of sub question (any 2)	15
		Total	70

References:

- 1. Avadhani V.A. (2019), 'Investment and Securities Markets in India', Himalaya Publishing House
- 2. Bhole L.M. (2004), 'Financial Institution and Markets' McGraw Hill Education
- 3. Khan M.Y. (2019), 'Indian Financial System'11th Edition, McGraw Hill Education
- 4. Kohok Mukund, 'Business Finance and Financial Services'
- 5. Kumar, Gupta and Kaur (2021), 'Financial Markets and Institutions' Taxmann
- 6. Meir Kohn (2000), ' Financial Institutions and Markets', Tata MC Graw-Hill Publication
- **7. Michael Brandl (2016), 'Money, Banking, Financial Markets and Institutions', CENGAGE Learning Custom**
- 8. Mittal Anand (2003), 'Economic Reforms and Capital Markets in India', Galgotia Publishing Company, New Delhi.
- 9. Pathak Bharti V. (2018), "The Indian Financial System", Pearson Education [India] Ltd.

T.Y. B.Com. (Skill Based) CBCS
Banking & Finance Special Paper II

Course Code -: 364(B)
Semester -VI

Objective -:

1.To acquaint the students with Financial Markets and its various segments.

2. To give the students and understanding of the operations and developments in financial markets in India.

3. To enable them to gain an insight into the functioning and role of financial institutions in the Indian Economy

Paper No 364 (B) **Marks:-100**

(Theory 70, Practical 10, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)			
		Theory	Practical	72	Th(70)	P(10)	Internal (20)	Credit
1	**Basic Concepts of Stock Market:** 1 Primary & Secondary Market . Merchant Banking, IPO,FPO 2 .Selective Stock Exchanges .Conceptof Stock market 2.1 BSE - Bombay Stock Exchange 2.2 NSE- National Stock Exchange 2.3 Broker &Sub.broker, Demat Account, broker account, IPO Price band, Stock Listing, IPO Stock allotment 2.5 Small Cap, Mid Cap & Large Cap Companies 2.6 .Selective Market Index. Sensex, Niffty,Bank Niffty, Niffty future & Option Bear & Bull Market	12	6	18	8	3	20	1
2	**Stock Trading:** 2.1. Cash Market, Future &Option Market 2.2 Types of Stock Trading A. Day Trading)Intra.day Trading (B. Delivery Trading C. Future & Option Trading 2.3 Types of Orders A. Buy B. Sell C. Stop loss . 2.4 Premium amount, Lot size	12	6	18	8	2		1

	2.5. Lower & Upper Circuit. 2.6 Trade Settlement, Stock Oxen Carrier opportunities in Stock Market							
3	**Non-Banking Financial Institutions (NBFIs):** 3.1 Meaning and definitions Of NBFIs 3.2 Distinction between Bank and NBFIs 3.3 Functions and workings of. i) Lease Financing ii) Mutual Fund iii) Housing Finance Companies iv) Life Insurance Company)LIC (v) General Insurance Company) GIC(carrier opportunities in InsuranceSector	14	6	20	8	3		1
4.	**Regulatory Bodies** 4.1 SEBI -Security Exchange Board of India IRDA -Insurance Regulatory & Development Authority	12	6	18	6	2		1
	Total	48	24	72	30	10		4

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks 30(Convert it in 20)
1.	1	Journal	10 marks
2.	2	Assignment	10 marks
3	3	Powerpoint presentation	10 marks
		Total 30 (Convert out of 20)	30

Pattern of Question Paper

S.NO	Question	Nature of Question	• Marks
1	Question 1 (A) Answer the following questions (15 objective type questions)	Objective Question (Answer in one sentence) all units	10
	Question 1(B)	Objective question (Fill in the blanks, Multi choice Questions,	5
2	Question 2	Answer the following question in one or two sentences(Any 5)	15
3	Question 3	Answer the following question in three or four sentences(Any 5)	15
4	Question 4	Write question with the help of sub question (Any 2)	10
		Answer the following question in 15 or 20 sentence with the help of sub question (any 2)	15
		Total	70

References:

1 . Financial Institution and Market: L .M .Bhole

2 . Prasanna Chandra, "Investment analysis & Portfolio Management", New-Delhi,The McGraw Hill Company Ltd.

3. V. K. Bhalla, "Portfolio Analysis & Management", New-Delhi, Sultanchand & Sons Publication.

4. Panithavathy Pandian, "Securities Analysis and Portfolio Management", New-Delhi, Vikash Publishing House Pvt. Ltd.

5. M. Ranganathan & R. Madhumahi, "Investment Analysis and Portfolio Management". Pearson Education [India]

6 .Indian Financial System: Dr .M .Y .Khan

7 .Investment and Securities Markets in India: V .A .Avadhani

8 .Economic Reforms and Capital Markets in India: Anand Mittal

9. Financial Market and Institutions in India: Dr .Sunil Shete, Success Publication.

T.Y. B.Com. (Skill Based) CBCS
Cost and Works Accounting Special Paper II
Course Code-364(C)
Semester-V

Objectives:-

1. To provide knowledge about the various methods of costing
2. To understand the applications of different methods of costing in manufacturing and service industries.
3. To enable students to prepare cost statements under different types of manufacturing industries and Service Industries
4. To build the applicability of cost accounting standards in the method of costing.

.**Marks:-100** **(Theory 40, Practical 40, Internal 20)**

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)			
		Theory	Practical	72	Th(40)	P(40)	Internal (20)	Credit
1	**Overheads** 1.1 Meaning and definition of overheads. 1.2 Classification of overheads 1.3 Introduction to Cost Accounting Standard, Cost Accounting Standard Board 1.4. Introduction to of CAS 3, CAS 11, CAS 15 1.5 Cost Accounting Standard 3: Production and operationOverheads	12	6	18	10	10	20	1
2	**Accountingof Overheads (Part-I)** 2.1 Collection and Allocation of overheads. 2.2 Apportionment and Reapportionment of overheads 2.3 Simple problem of primary distribution of Overhead 2.4 Simple Problem of Secondary distribution of overheads(Repeated & Simultaneous Equation method only)	12	6	18	10	10		1
3	**Accountingof Overheads (Part-II)** 3.1 Absorption - Meaning, Rate and Methods of OverheadAbsorption 3.2 Under and Over Absorption of overheads- Meaning,Reasons and Accounting treatment Simple problems on the accounting treatment of underand overabsorption of Overheads	12	6	20	10	10		1
4.	**ActivityBased Costing** 4.1 Definitions-Stages in Activity Based Costing 4.2 Purpose and Benefits of Activity Based Costing 4.3 Cost Pools and Cost Drivers Problems on Activity Based Costing	12	6	18	10	10		1

	[Simple Problemsonly]							
	Total	48	24	72	40	40	20	4

Notes: The breakup of marks in the Examination will be as follows:

- 50 % of the marks for Theory & 50 % of the marks for Practical Problems (Simple Problem Only)

Areas of Practical Problems

- ► Accounting & Control of Overhead. [Part I]

  Primary and Secondary Distribution of Overheads(Repeated & Simultaneous equation methods only)

- ► Accounting & Control of Overhead. [Part II] Problems of Machine Hour Rate Only.
- ► Problems of Activity Based Costing [Simple Problems only]

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks 40
1.	1	Journal	10marks
2.	2	Assignment	10 marks
3	3	Powerpoint presentation	10 marks
4.	4.	Visits	10 marks
		Total 40 (Convert out of 20)	40

Pattern of Question Paper

S.NO	Question	Nature of Question	• Marks
1	Question 1 Answer the following questions (15 objective type questions)	Objective Question (Fill in the blanks, Multi choice Questions, Answer in one sentence) all units	10
2	Question 2 (Practical Problems)	Practical Problems	10
3	Question 3 (Practical Problems)	Practical Problems	10
4	Question 4	Answer the following question in three or four sentences(Any 5)	10

Note -: Allocation of Marks –
: a) 50 % for Theory. b) 50% for Practical Problems.

Areas of Practical Problems

- ► Accounting & Control of Overhead. [Part I]

  Primary and Secondary Distribution of Overheads(Repeated & Simultaneous equation methods only)

- ► Accounting & Control of Overhead. [Part II] Problems of Machine Hour Rate Only.
- ► Problems ofActivity Based Costing [Simple Problems only]

Books Journals and Websites Recommended for Cost and Works Accounting Paper I, II and III

1. Prof. Subhash jagtap -: Practice in Advanced costing and Management Accounting. NiraliPrakashan, Pune
2. Ravi Kishor -: Advanced Cost Accounting and Cost Systems Taxman's Allied Service Pvt. Ltd., New Delhi.
3. S.P. Lyengar -: Cost Accounting Principles and Practice, Sultan Chand & Sons Accounting, Taxman's, New Delhi.
4. Ravi Kishor -: Students Guide to Cost Accounting Taxman's, New Delhi.
5. M.N. Arora -: Cost Accounting Principles and Practice Vikas Publishing House Pvt. Ltd., New Delhi
6. 6. S.N. Maheshwari and S.N. Mittal -: Cost Accounting, Theory and Problems, Mahavir book Depot, New Delhi.
7. B.L. Lall and G.L. Sharma -: Theory and Techniques of Cost Accounting. Himalaya Publishing House, New Delhi.
8. V.K. Saxena and Vasishta -: Cost Accounting – Text book. Sultan Chand and Sons, New Delhi
9. V.K. Saxena and Vasishta -: Cost Audit and Management Audit. Sultan Chand and Sons, New Delhi
10. Jain and Narang -: Cost Accounting Principles and Practice. Kalyani Publishers
11. N.K. Prasad -: Principles and Practice of Cost Accounting Book Syndicate Pvt. Ltd., Calcutta.
12. N.K. Prasad -: Advanced Cost Accounting Syndicae Pvt Ltd., Calcutta.
13. R.K. Motwani -: Practical Costing. Pointer Publisher, Jaipur
14. R.S.N. Pillai and V. Bhagavati -: Cost Accounting.
15. Hornefgrain and Datar -: Cost Accounting and Managerial Emphasis.
16. Dr.J.P.Bhosale -: Management Accounting, Vision Publication
17. Prof.Jagtap, Nare&Pagar -: Cost & Works Accounting, Paper-II
18. Journal -: Cost Accounting Standards issued by ICWAI, Kolkata
19. Journal -: Management Accountant Issued by ICWA of India, Calcutta.
20. Website -: - www.icwai.org&www.aicmas.com.

T.Y. B.Com. (Skill Based) CBCS
Cost and Works Accounting Special Paper II
Course Code-364(c)
Semester-VI

Marks:-100

(Theory 40, Practical 40, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)			
		Theory	Practical	72	Th(40)	P(40)	Internal (20)	Credit
1	Method of Costing 1.1. Introduction to Methods of Costing. 1.2 Job Costing Meaning, Features, Advantages and Limitations (Simple problem Only) Introduction of Batch costing-(theory Only)	12	6	18	10	10	20	1
2	Contract Costing 2.1 Meaning and Features of Contract Costing 2.2 Work-Certified and Uncertified, Escalation clause, Retention Money, Cost Plus contract, work- in-progress Profit on incomplete contract	12	6	18	10	10		1
3	Process Costing 3.1 Meaning and features of process costing 3.2 Preparation of process accounts including normal and abnormal loss/gain 3.3 Joint Products and By Products [Theory and Simpleproblems] Cost Accounting Standard 19: Joint Cost	12	6	20	10	10		1
4.	Service Costing 4.1 Meaning, Features and Applications of servicecosting 4.2 Cost Unit-Simple and Composite 4.3 Cost Sheet for Transportation Service 4.4 Cost Statement for Hospital and Hotel Organization Cost Accounting Standard 13: Cost of service cost centre	12	6	18	10	10		1
	Total	48	24	72	40	40	20	4

Areas of practical problems

- Job Costing - Preparation of job cost sheet
- Contract Costing - Preparation of Contract Account & Contractee Account [without B/s] Simple Problem without an Escalation clause
- Process Costing Simple Problems on Process Costing, Joint Products and By Products [Where there is no work in process].
- Service Costing - Cost Sheet for Transportation, Hotel and Hospital Service.

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks 40
1.	1	Journal	10marks
2.	2	Assignment	10 marks
3	3	Powerpoint presentation	10 marks
4.	4.	Visits	10 marks
		Total 40 (Convert out of 20)	40

Pattern of Question Paper

S.NO	Question	Nature of Question	• Marks
1	Question 1 Answer the following questions (15 objective type questions)	Objective Question (Fill in the blanks, Multi choice Questions, Answer in one sentence) all units	10
2	Question 2 (Practical Problems)	Practical Problems	10
3	Question 3 (Practical Problems)	Practical Problems	10
4	Question 4	Answer the following question in three or four sentences(Any 5)	10

Note -: Allocation of Marks –
: a) 50 % for Theory. b) 50% for Practical Problems

Reference Books:-

Sr. No	Title of the Book	Author	Publisher	Place
01	Practice in Advanced costing and Management Accounting.	Prof. Subhash Jagtap	Nirali Prakashan	Pune

02	Advanced Cost Accounting and Cost Systems	Ravi Kishor	Taxman's Allied ServicePvt. Ltd.	New Delhi
03	Cost Accounting Principles and Practice.	S.P. Iyengar	Sultan Chand & Sons Accounting, Taxman's	New Delhi
04	Students Guide to Cost Accounting	Ravi Kishor	Taxman's, New Delhi.	New Delhi

05.	Cost Accounting Principles and Practice	M.N. Arora	Vikas Publishing HousePvt. Ltd.	New Delhi.
06	Cost Accounting, Theory and Problems,	S.N. Maheshwari and S.N. Mittal	Mahavir book Depot	New Delhi
07	Theory and Techniques of Cost Accounting.	B.L. Lall and G.L.Sharma	Himalaya Publishing House	New Delhi.
08	Cost Accounting – Textbook.	V.K. Saxena andVashista	Sultan Chand and Sons	New Delhi.
09	Cost Audit and Management Audit.	V.K. Saxena andVashista	Sultan Chand and Sons	New Delhi
10	Cost Accounting Principles and Practice.	Jain and Narang	Kalyani Publishers	Kolkata
11	Principles and Practice of Cost Accounting	N.K. Prasad	Book Syndicate Pvt. Ltd.	Kolkata
12	Advanced Cost Accounting	N.K. Prasad	Book Syndicate Pvt. Ltd.	Kolkata

Course Code -: 354(D)

Semester-V

Objective -:

1) To Develop understanding of MSME and its formation
2) To Develop Knowledge and understanding in creating and managing new venture.
3) To Equip students with necessary tools and techniques to set up their own business venture
4) To help students to bring out their own business plan.
5) To make students aware about business crises and sickness.

Paper No 354(D) **Marks:-100**

(Theory 70, Practical 10, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)			
		Theory	Practical	72	Th(70)	P(10)	Internal	credit
1	**MICRO SMALL ANDMEDIUM ENTERPRISES(MSME) POLICY 2020:** Introduction, Definition, Investment and Annual Turnover, Key Announcements of Atma Nirbhar Bharat Abhiyan, Criterion, Classification of Enterprises, Government Schemes for MSME in India, Covid impact on MSME	12	6	18	8	3	20	1
2	**FORMATION OF MSME:** Business opportunity, scanning the environment for opportunities, evaluation of alternatives and selection based on personal competencies. Registration under MSME, Udyam Registration Portal, MSME Development and Service coveredunder MSME, Limits of MSME, and Eligibility for MSME.	12	6	18	8	2		1
3.	**BUSINESS PLAN PREPARATION AND PROJECT REPORT** Meaning and importance objectives - Selection of suitable form of organization - Precautions to betaken by an entrepreneur while preparing Business Plan. Meaning, Concept and classification of project Project for Retail store Oil Mill, Cold Storage , Eco friendly Bag production Reasons for failure of project Project Appraisal Break - Even Analysis and Ratio Analysis : Debt : Service Coverage Ratio - Gross Profit : Net Profit Ratio and Return on	12	6	20	8	3		1

	Investment (ROI), Project Audit							
4.	**PROJECT ASSISTANCE:** Financial assistance through State Financial Corporation's (SFC's,) District Industries Centre (DIC), Maharashtra Industrial Development Corporation (MIDC), National Institute for Entrepreneurship and Small Business Development (NIESBUD), National Institute of Small Industry Extension Training (NISIET), Small Industries Development Organization (SIDO), Small Industrial Development Bank of India (SIDBI), Technical Consultancy Organization (TCO), Commercial Banks, Industrial Finance Corporation of India (IFCI) - Non-financial assistance from District Industries Centre (DIC), Small Industries Service Institute (SISI), Khadi and Village Industries Commission (KVIC) - Financial incentives for Small Scale Industries (SSI's) and *Tax* Concessions - Assistance for obtaining Raw Material, Machinery, Land and Building, Venture Capital and Technical Assistance	12	6	18	6	2		1
	Total	48	24	72	70	10	20	4

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks 20
1.	1	Journal	10 marks
2.	2	Assignment	10 marks
3	3	Powerpoint presentation	10 marks
		Total 30 (Convert out of 20)	30

Pattern of Question Paper

S.NO	Question	Nature of Question	• Marks
1	Question 1 (A) Answer the following questions (15 objective type questions)	Objective Question (Answer in one sentence) all units	10
	Question 1(B)	Objective question (Fill in the blanks, Multi choice Questions,	5
2	Question 2	Answer the following question in one or two sentences(Any 5)	15
3	Question 3	Answer the following question in three or four sentences(Any 5)	15
4	Question 4	Write question with the help of sub question (Any 2)	10
		Answer the following question in 15 or 20 sentence with the help of sub question (any 2)	15
		Total	70

Recommended Books

1. Pandey G.N. - 'A Complete Guide to Successful Entrepreneurship' Vikas PublishingHouse PvL Ltd.
2. Maharashtra Centre for Entrepreneurship Development - 'Project Profile', 'Profile for SSIProjects.'
3. Edward D. Boao - 'Opportunities'.
4. Prof. John Mullins - 'The New Business Road Tests' - Pearson.
5. Prof. Rajeev Roy - 'Entrepreneurship' Oxford University Press.
6. Rashmi Bansal - 'Stay Hunary Stay Foolish' - CIIFIIM, Ahmedabad.
7. Dr.Patel V.G. - 'When The Going Gets Tough' - Tata McGraw Hill, New Delhi.
8. Mark. J. Dollinger, Entrepreneurship - Strategies and Resources, Pearson Edition.
9. Udai Pareek and T.V. Rao, Developing Entrepreneurship
10. S.V.S. Sharma, Developing Entrepreneurship, Issues and Problems
11. Srivastava, A Practical Guide to Industrial Entrepreneurs
12. Anil Kumar: Small Business and Entrepreneurship I.K. International Publishers
13. Government of India, Report of the committee on Development of small and mediumentrepreneurs, 1975
14. Bharusali, Entrepreneur Development
15. Dr. Venkataramanappa : : Entrepreneurship Development
16. B. Janakiraman , Rizwana M: Entrepreneurship Development
17. N.V.R Naidu : Entrepreneurship Development, I.K. International Publishers
18. Business Entrepreneurship – Dr. M. B. Sonawane
19. Business Entrepreneurship –Dr. S. L. Shirgave.
20. Web References:

1) https://msme.gov.in/
2) https://www.startupindia.gov.in/

T.Y. B.Com. (Skill Based) CBCS
Business Entrepreneurship Special Paper II
Course Code -: 364(D)

Semester-VI

Paper No 364(D) Marks:-100 (Theory 70, Practical 10, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)			
		Theory	Practical	72	Th(70)	P(10)	Internal	credit
1	**BUSINESS PLAN (BP)IMPLEMENTATION** Meaning - importance - preparation of Business Plan, Financial aspects, Marketing aspects, Human Resource aspects, Technical aspects, Social aspects of Business Plan. Common pitfalls to be avoided in preparation of a Business Plan., Steps in Business Plan, Implementation, Objectives, Ideas, Guidelines in Business Plan	12	6	18	8	3	20	1
2	**MSME MANAGEMENT :** (As Distinct from corporate sector management) Functional and integrated approach Structured and flexible approach Logical v/s creative approach Start up phase management difference of opinion within prompting team Avoiding Failure-problem solving Creativity and innovation Stability phase management Growth phase management MSME Registration, Consultants, Udyog Adhar Registration Consultancy, Enterprise Risk Management (ERM), Challenges in implementation of Enterprise Risk Management (ERM)	12	6	18	8	2		1
3.	**BUSINESS CRISESAND SICKNESS :** Types of Business Crises, Starting crises, Cash crises, Delegation Crisis, Leadership Crises, Financial Crises, Prosperity Crises, Succession Crises, Crises Management and Business Continuity: Meaning, Crises under Covid-19 Sickness : Meaning and Definition,	12	6	20	8	3		1

4.	**INTRODUCTION TOSTART UP INDIA SCHEME:** Aim of Startup- Significance of Startup- Advantages of Startup- Significance of Startup-Advantages of Startup- Eligibility for Startup India- Do's and Don'ts for Startup – Examples of Startup-Wow! Mome— Cabs-Zomoto-Paytm-Digit Insurance-Vedantu-Dailyhunt-Sharechat-Topper-Urban Ladder	12	6	18	6	2		1
	Total	48	24	72	70	10	20	4

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks 20
1.	1	Journal	10 marks
2.	2	Assignment	10 marks
3	3	Powerpoint presentation	10 marks
		Total 30 (Convert out of 20)	30

Pattern of Question Paper

S.NO	Question	Nature of Question	• Marks
1	Question 1 (A) Answer the following questions (15 objective type questions)	Objective Question (Answer in one sentence) all units	10
	Question 1(B)	Objective question (Fill in the blanks, Multi choice Questions,	5
2	Question 2	Answer the following question in one or two sentences(Any 5)	15
3	Question 3	Answer the following question in three or four sentences(Any 5)	15
4	Question 4	Write question with the help of sub question (Any 2)	10
		Answer the following question in 15 or 20 sentence with the help of sub question (any 2)	15
		Total	70

References:-

1) Pandey G.N. - 'A Complete Guide to Successful Entrepreneurship' Vikas PublishingHouse PvL Ltd.
2) Maharashtra Centre for Entrepreneurship Development - 'Project Profile', 'Profile for SSIProjects.'
3) Edward D. Boao - 'Opportunities'.
4) Prof. John Mullins - 'The New Business Road Tests' – Pearson
5) Prof. Rajeev Roy - 'Entrepreneurship' Oxford University Press.
6) Rashmi Bansal - 'Stay Hunary Stay Foolish' - CIIFIIM, Ahmedabad.
7) Dr.Patel V.G. - 'When The Going Gets Tough' - Tata McGraw Hill, New Delhi.
8) Mark. J. Dollinger, Entrepreneurship - Strategies and Resources, Pearson Edition.
9) Udai Pareek and T.V. Rao, Developing Entrepreneurship

10) S.V.S. Sharma, Developing Entrepreneurship, Issues and Problems

11) Srivastava, A Practical Guide to Industrial Entrepreneurs

12) Anil Kumar: Small Business and Entrepreneurship I.K. International Publishers

13) Government of India, Report of the committee on Development of small and mediumentrepreneurs, 1975

14) Bharusali, Entrepreneur Development

15) 23 Vidya Hattangadi : Entrepreneurial

16) Dr. Venkataramanappa : : Entrepreneurship Development

17) B. Janakiraman , Rizwana M: Entrepreneurship Development

18) N.V.R Naidu : Entrepreneurship Development, I.K. International Publishers

19) Business Entrepreneurship – Dr. M. B. Sonawane

20) Business Entrepreneurship –Dr. S. L. Shirgave.

Web References:

1) **https://msme.gov.in/**

https://www.startupindia.gov.in/

T.Y. B.Com. (Skill Based) CBCS
Business Administration Special Paper III
Subject Name -: Business Administration

Semester-V

Course Code-355(A)

Objectives of the course

1. To acquaint the student with knowledge about Corporate Finance and the structure if the Indian Financial Market.
2. To develop the Financial Planning Skills among the Students by introducing them to the process of efficient Financial Planning
3. To educate the students on the importance of Capitalisation and the importance to maintaining an optimum capital structure
4. To create awareness among the students in the various sources of Finance available for raising corporate capital

Paper No 355 (A) **Marks:-100**
(Theory 70, Practical 10, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)			
		Theory	Practical	144	Th(70)	P(10)	Internal	credit
1	Introduction to corporate finance and Indian financial system 1.1 Meaning, Features, Need, Importance of Corporate Finance, Finance Functions(Executive and Routine Functions) 1.2 Meaning , Objectives , Scope of Financial Management 1.3 Indian Financial Market – Meaning and Structure (Money Market & Capital Market) 1.4 Stock Exchange – Meaning , Features ,Functions.	10	6	18	15	3	20	1

	1.5 Bombay Stock Exchange , National Stock Exchange of India Dematerializationof Securities 1.6 Securities Exchange Board of India – Objectives , Powers and Functions 1.7 Credit Rating Agencies – Function/ Role and Advantages . Overview of Credit Rating Information Services of India Limited (CRISIL) Investment Information and Credit Rating Agency of India (ICRA) LimitedCredit Analysis and Research (CARE) Limited							
2	**Financial Planning -:** 2.1 Meaning, Nature and characteristics of financial planning. Scope, Importance, Advantages, Limitations, of Financial Planning . 2.2 Steps in financial planning. 2.3 Methods of estimating financial requirements	12	6	18	20	2		
3	**Capitalization and Capital Structure -:** 3.1 Capitalization – Concept, Factors governing capitalization, over and under capitalization - Causes and effects, Fair Capitalization. 3.2 Capital Structure- Meaning, Concept and Principles of capital structure, Factors influencing the pattern of capital structure. 3.3 Trading on equity- Concepts and effects.	12	6	18	20	3		
4.	**Management of Capital -:** 4.1 **Types of capital-** Fixed capital and working capital, owned and borrowed capital, Short and Long term Capital. 4.2 Need, Importance, Factors governing fixed and working capital requirement. 4.3 **Sources of capital** - Shares, Debentures, Public Deposits, Ploughing back of profits, Loans from Bank and Financial Institutions, Trade creditors, Installment credit etc.	12	6	18	15	2		
	Total	48	24	72	70	10	20	4

Practical:-

1. Students will visit any Plant and write report on the same.
2. Assignments given by teachers
3. PowerPoint presentation and poster presentation.
4. How to write inventory.

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks 30 (Convert it out of 20)
1.	1	Journal	10 marks
2.	2	Assignment	10 marks
3	3	Powerpoint presentation	10 marks
		Total 30 (Convert out of 20)	30

Pattern of Question Paper

S.NO	Question	Nature of Question	• Marks
1	Question 1 (A) Answer the following questions (15 objective type questions)	Objective Question (Answer in one sentence) all units	10
	Question 1(B)	Objective question (Fill in the blanks, Multi choice Questions,	5
2	Question 2	Answer the following question in one or two sentences(Any 5)	15
3	Question 3	Answer the following question in three or four sentences(Any 5)	15
4	Question 4	Write question with the help of sub question (Any 2)	10
		Answer the following question in 15 or 20 sentence with the help of sub question (any 2)	15
		Total	70

Recommended Books

1. Fundamentals of Business Finance- Dr. R. M. Shrivastav
2. Corporate Finance- S C Kuchhal
3. Industrial Finance- M C Kuchhal
4. Corporate Finance- Dr. P V Kulkarni
5. Financial Management- Dr. Prasanna Chandra
6. Production, Operations Management - Dr.B.S. Goel (Pragati Prakashan Meerut)
7. Operations Management- Norman Gaither, Greg Frazaier (Sengage Learning)
8. Production Management –Chunawalla

T.Y. B.Com. (Skill Based) CBCS
Business Administration Special Paper III
Subject Name -: Business Administration

Semester-VI

Course Code- 355 (A)

Paper No 355 (A) **Marks:-100**
(Theory 70, Practical 10, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)			
		Theory	Practical	144	Th(70)	P(10)	Internal	credit
1	Production Management Functions 1.5 1.1 Meaning, Definition, Functions of Production Management, Responsibilities of Production Manager. 1.6 Production Planning - Objectives, Importance, levels of planning. 1.7 Routing & Scheduling - Meaning, Route Sheets, Scheduling, Master and sequential scheduling, scheduling devices. Production control- Definition and meaning, Necessity, objectives, factorsand techniques of production control	10	6	18	15	3	20	1

2	Plant Location andPlant Layout 2.1 Introduction, importance, factors responsible for plant location. 2.2 Plant Layout- Meaning, Definition, Importance of good layout, factorsrelevant for choice of layout, Line, Process and Product layout. Plant Layout - Advantages, disadvantages and techniques	12	6	18	20	2		
3	**Inventory management and quality Managaement** 3.1 Inventory management - Introduction, methods, Economic Order Quantity , Use of Computers in Inventory Management, Material Requisition Planning (MRP) , Just In Time (JIT),ABC Analysis 3.2 Recent trends in Inventory Management - Radio Frequency Identification (RFID), Automated guided vehicles (AGVs) and automated mobile robots (AMRs), Artificial intelligence (AI) and Machine learning (ML), Distributed inventory management, Cloud-based solutions Predictive picking 3.3 Quality Management – Features, Techniques of Quality Control Total Quality Management, Six Sigma, International Organisation for Standardisation (ISO)	12	6	18	20	3		
4.	Supply Chain Managementand Logistics management 4.1Supply Chain Concepts: Objectives of a Supply Chain, Stages	12	6	18	15	2		

	of Supply chain,Value Chain Process, Cycle view of Supply Chain Process, Key issues in Supply Chain Management, Difference between Supply Chain Management and Logistics. 4.2 Logistics: Evolution, Objectives, Components and Functions of Logistics Management, Distribution related Issues and Challenges, Transportation- Functions, Costs, and Mode; Network and Decision, Containerization, Crossdocking.							
		48	24	72	70	10	20	4

Practical:-

1. Students will visit any Plant and write report on the same.
2. Assignments given by teachers
3. PowerPoint presentation and poster presentation.

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks 30 (Convert it out of 20)
1.	1	Journal	10 marks
2.	2	Assignment	10 marks
3	3	Powerpoint presentation	10 marks
		Total 30 (Convert out of 20)	30

Pattern of Question Paper

S.NO	Question	Nature of Question	• Marks
1	Question 1 (A) Answer the following questions (15 objective type questions)	Objective Question (Answer in one sentence) all units	10
	Question 1(B)	Objective question (Fill in the blanks, Multi choice Questions,	5
2	Question 2	Answer the following question in one or two sentences(Any 5)	15
3	Question 3	Answer the following question in three or four sentences(Any 5)	15
4	Question 4	Write question with the help of sub question	10

		(Any 2)	
		Answer the following question in 15 or 20 sentence with the help of sub question (any 2)	15
		Total	70

List of Books Recommended: -

- Modern Production and Operation Management ,Buffa Elwood S,Wiley India Ltd
- Production and Operation Management ,Sexena J.P.,Tata McGraw-Hill Eduction Private Limited
- Production and Operation Management ,Madan Pankaj,Global Vision Publishing House
- Production and Operation Management ,Nair N.G.,Tata McGraw-Hill Eduction Private Limited
- Production (Operation) Management ,Jhamb L.C.,Everest Publishing House
- Production and Operations Management ,Adam and Ebert, Prentice-Hall
- Operations Management : Theory and Practice , B Mahadevan,Pearson
- Production and Operations Management , Panneerselvam,Prentice Hall India Learning Private Limited
- **Operations Management (McGraw-Hill Series in Operations and Decision Sciences)**
- Supply Chain Management: Strategy, Planning and Operation

  Chopra, Sunil, Meindl, Peter and Kalra, D. V. ,Pearson

  Education;;
- Supply Chain Management: Concepts and Cases Altekar, Rahul V , PHI Learning Reference.
- Supply Chain Management , Ballou, Ronald H ,Pearson Education.
- Supply Chain Management , Sahay, B.S. ,Macmillan;; 6. Business Logistics Management , Ballou, R.H. , Prentice-Hall Inc..
- Logistical Management, Bowersox D.J. ,Closs D.J., McGraw-Hill, 1996
- Fundamentals of Business Finance- Dr. R. M. Shrivastav
- Production, Operations Management - Dr.B.S. Goel (Pragati Prakashan

  Meerut) 7. Operations Management- Norman Gaither, Greg Frazaier

  (Sengage Learning) 8. Production Management - Chunawalla

T.Y. B.Com. (Skill Based) CBCS
Banking & Finance Special Paper III
Subject Name -: Banking Law and Practices in India.
Semester-V
Course Code-355(B)

Objectives:

1. To familiarize the Banking Laws and Practice in correlation to the Banking System in India.
2. To understand the legal aspects of Banking transactions and its implication as a Banker and as a customer.
3. To familiarize the students with the Banking Laws and Practices in India.
4. To make students capable of understanding and applying the legal and practical aspects of banking to help them technically sound in banking parlance.

Paper No 355 (B) **Marks:-100**

(Theory 70, Practical 10, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)			
		Theory	Practical	144	Th(70)	P(10)	Internal (20)	Credit
	TERM-I							
1	**Banking Regulation Act, 1949:** **Introduction the objectives and selective provisions :** 1.1 Definition of word Banking (Sec 5B) and Bank (Sec 5C) 1.2 Management (sec 10)- Capital (Sec. 11)- Reserve Fund (Sec. 16) - Bank Licensing (Sec. 22) -Branch Licensing (Sec. 23)- Liquid Assets (Sec. 24) 1.3 Profit and Loss Account and Balance Sheet- (Sec.10 A, 10 B, 29 and 30). 1.4 Powers of Reserve Bank of India- Sec.35 and 36 1.5 Voluntary Amalgamation (Sec. 44A) - Compulsory Amalgamation (Sec. 45)- Liquidation (Sec.45 R) 1.6 Banking Regulation Act, 1949 applicable	10	6	18	8	3	20	1

	toCooperative Banks- The Banking Regulation(Amendment) Bill, 2020-Features							
2	**Negotiable Instruments Act, 1881:** 2.1 Introduction-Definition-Meaning- Features of Negotiable Instruments. 2.2 Types of Negotiable Instruments-Promissory Note,Bill of Exchange and Cheque 2.3 Parties in Negotiable Instruments 2.4 Negotiation-Presentment-Concepts of Dishonour ofNegotiable Instruments Noting and Protesting	12	6	18	8	2		1
3	**Insolvency and Bankruptcy Code, 2016** 3.1 Objectives and importance of IBC, 2016 3.2 Applicability 3.3 Important definitions: (Sect. 3) Board, Corporate Person, Corporate debtor, Creditor, default, FinancialInformation, Insolvency Professional, Corporate Applicant, Corporate Guarantor, Insolvency and Bankruptcy. 3.4 Corporate Insolvency Resolution Process (Sect.6,7,12,13,14) 3.5 Liquidation Process (Sect. 33. 34, 35) 3.6 Voluntary Liquidation of Corporate Person (Sect.59) Fast Track Corporate Insolvency Resolution Process(Sect. 55, 56, 57) 3.8 Offence and Penalty regarding Corporate(Sect. 68 to 71) 3.9 Bankruptcy Order for Individual and PartnershipFirm (Sect.121, 125, 126,128, 138, 139) 3.10Offence and Penalties regarding Individual(Sect.184 to 187) 3.11 The framework of Insolvency and BankruptcyBoard of India (Sect.188, 196	14	6	20	8	3		1
4	**Banking Ombudsman Scheme-2006** 4.1 Objectives of Banking Ombudsman Scheme-2006 4.2 Important Definitions: Banking	12	6	18	6	2		1

	Ombudsman, Appellate Authority, Authorised Representative, Complaint, Secretariat 4.3 Appointment and Tenure of Ombudsman 4.4 Power and Duties of Ombudsman Procedure for Redressal of Grievance							
	Total	48	24	72	70	10	20	4

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks 30 (convert out of 20)
1.	1	Journal	10 marks
2.	2	Assignment	10 marks
3	3	Powerpoint presentation	10 marks
		Total 30 (Convert out of 20)	30

Pattern of Question Paper

S.NO	Question	Nature of Question	• Marks
1	Question 1 (A) Answer the following questions (15 objective type questions)	Objective Question (Answer in one sentence) all units	10
	Question 1(B)	Objective question (Fill in the blanks, Multi choice Questions,	5
2	Question 2	Answer the following question in one or two sentences(Any 5)	15
3	Question 3	Answer the following question in three or four sentences(Any 5)	15
4	Question 4	Write question with the help of sub question (Any 2)	10
		Answer the following question in 15 or 20 sentence with the help of sub question (any 2)	15
		Total	70

Recommended Books

1. Practice of Law and Banking -: G.S. Gill
2. Banking Law and Practice -: P.N. Varshney
3. Banking Theory and Law Practice -: E. Gordon, K. Natarajan
4. Banking Law and Practice in India -: M.L. Tannan
5. Banking Law and Practice in India -: Maheshwari
6. Law and Practice of Banking -: Prof. Mugli
7. Banking Theory and Practice -: K.C. Shekar
8. Law and Practice of Banking -: B.M. Lall and Nigam
9. Banking Law & Practices Shri. PrakashMisal, Success Publication.

T.Y. B.Com. (Skill Based) CBCS
Banking & Finance Special Paper III
Subject Name -: Banking Law and Practices in India.
Semester-VI
Course Code-365(B)

Paper No 355 (B) Marks:-100 (Theory 70, Practical 10, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th –Theory , P-Practical)			
		Theory	Practical	144	Th(70)	P(10)	Internal (20)	Credit
1	**Cyber Crimes in Banking:** 1.1 Meaning and Definition of Cyber Crimes 1.2 Types of Cyber Crimes 1.3 Types of Cyber Crimes in Banking- a) Virus attack (b)Hacking(c)Phishing (d)Vising (e) Spamming (f) ATM skimming(g) E-mail spoofing 1.4 Reasons of Cyber Crimes in Banking 1.5 Impact of Cyber Crimes on Banking Measures to control Cyber Crimes inBanking: A)Legal Measures: i)IPC-420 ii) IT Act(2000) SEC 66C,66D (B)Non-legal Measures	10	6	18	8	3	20	1
2	**Paying and Collecting Banker:** 2.1 Meaning and Definition of Paying Banker 2.2 Precautions to be taken while doing payment ofcheques 2.3 Duties and Rights of Paying Banks 2.4 Meaning and Definition of Collecting Bank 2.5 Precautions to be taken while collecting payment of cheques Duties and Rights of collecting Banker	12	6	18	8	2		1
3	**Banker and Customer Relationship:** 3.1 Definition of Banker and Customer - Relationship as Debtor and Creditor 3.2 Banker as Trustee Banker as Agent 3.3 Banker's Obligation of Secrecy of Accounts 3.4 Banker's Lien Right of Set Off 3.5 Garnishee Order Termination of Relationship	14	6	20	8	3		1
4	**Bank Advances:**	12	6	18	6	2		1

	4.1 Secured and Unsecured loans 4.2 Types of loan schemes in Banks 4.3 Securities for Loans 4.4 Mode of creating Charges: Lien, Pledge, Hypothecation and Mortgage 4.5 Causes of loan recovery problems Recovery Measures: a) Legal measures b) Non-legal measures							
	Total	48	24	72	70	10	20	4

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks 30 (convert out of 20)
1.	1	Journal	10 marks
2.	2	Assignment	10 marks
3	3	Powerpoint presentation	10 marks
		Total 30 (Convert out of 20)	30

Pattern of Question Paper

S.NO	Question	Nature of Question	• Marks
1	Question 1 (A) Answer the following questions (15 objective type questions)	Objective Question (Answer in one sentence) all units	10
	Question 1(B)	Objective question (Fill in the blanks, Multi choice Questions,	5
2	Question 2	Answer the following question in one or two sentences(Any 5)	15
3	Question 3	Answer the following question in three or four sentences(Any 5)	15
4	Question 4	Write question with the help of sub question (Any 2)	10
		Answer the following question in 15 or 20 sentence with the help of sub question (any 2)	15
		Total	70

References:

1. Practice and Law of Banking: G.S. Gill
2. Banking Law and Practices: P. N. Varshney
3. Banking Law, Theory and Practices: S. N. Gupta
4. Law and Practices of Banking: V. M. Mugali
5. IT Act, 2000
6. Cyber-attack in banking industry, Adharsh Manivannan.
7. Prevention of cyber-crime and fraud Management, Indian Institution of Banking and finance.
8. Fundamentals of Banking Theory and Practices: A.K.Basu

T.Y. B.Com. (Skill Based) CBCS
Cost and Works Accounting Special Paper III
Subject Name -: Cost and Works Accounting.
Course Code -: 355 (C)
Semester- V

Paper No 355 (C) **Marks:-100**
(Theory 40, Practical 40, Internal 20)

Objectives:-

1. To prepare learners to understand the basic techniques in Cost Accounting
2. To understand the learner, application of Cost Accounting techniques in cost control and decision making.
3. To enable the learners to prepare various types of Budgets.
4. To learn the basic concept of Uniform Costing and Inter-firm comparison
5. To enhance the knowledge of students about MIS and Supply Chain Management

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th - Theory, Pra Practical, In- Internal)			
		Th	Pra	144	Th (40)	Pra (40)	In (20)	Credit
	TERM I							
1	Marginal Costing: 1.1 Meaning and concepts- Fixed cost, Variable costs, Contribution, Profit-volume Ratio, Break-Even Point & Margin of Safety. 1.2 Cost-Profit-Volume Analysis- Assumptions and limitations of cost volume analysis 1.3 Application of Marginal Costing Technique:- Make or buy decision, Acceptance of export order & Limiting factor	10	6	18	10	10	20	1
2	Budgetary Control: 2.1 Definition and Meaning of Budget & Budgetary control 2.2 Objectives of Budgetary control 2. 3 Procedure of Budgetary control 2.4 Essentials of Budgetary control 2.5 Advantages and Limitations of Budgetary control 2.6 Types of Budgets.	12	6	18	10	10		1
3	Uniform costing andInter-firm Comparison 3. Uniform costing and Inter-firm Comparison 3.1 Meaning and ,objectives 3.2 Advantages and disadvantages	14	6	18	10	10		1
4	MIS and Supply Chain Management 4. Introduction to management information system in Costing	12	6	18	10	10		1

	4.1 Meaning , objectives and Advantages 4.2 Procedure of MIS							
	Total	48	24	72	40	40	20	4

Areas of Practical Problems:

Marginal Costing [problems on P/V Ratio BEP, M/S Angle of incidence Budgetary Control-[Sales Budget, Cash Budget, Flexible budget .

Standard Costing-Material & Labour Variances only. [Simple problem]

Farm Costing [Farm Cost sheet]

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks 30 (convert out of 20)
1.	1	Journal	10 marks
2.	2	Assignment	10 marks
3	3	Powerpoint presentation	10 marks
		Total 30 (Convert out of 10)	30

Pattern of Question Paper

S.NO	Question		Nature of Question	• Marks
1	Question 1 (A) Answer the following questions (15 objective type questions)		Objective Question (Answer in one sentence) all units	10
2	Question 2		Answer the following question (Practical)	10
3	Question 3		Answer the following question (Practical)	10
4	Question 4		Write question (Any 2)	10
			Total	40

Books Journals and Websites Recommended for Cost and Works Accounting Paper I, II and III

1. Prof. Subhash jagtap -: Practice in Advanced costing and Management Accounting. Nirali Prakashan, Pune
2. Ravi Kishor -: Advanced Cost Accounting and Cost Systems Taxman's Allied Service Pvt.Ltd., New Delhi.
3. S.P. Lyengar -: Cost Accounting Principles and Practice, Sultan Chand & Sons Accounting Taxman's, New Delhi.
4. Ravi Kishor -: Students Guide to Cost Accounting Taxman's, New Delhi.
5. M.N. Arora -: Cost Accounting Principles and Practice Vikas Publishing House Pvt. Ltd., New Delhi. 6. S.N. Maheshwari and S.N. Mittal -: Cost Accounting,Theory and Problems, Mahavir book Depot, New Delhi.
7. B.L. Lall and G.L. Sharma -: Theory and Techniques of Cost Accounting. Himalaya Publishing House, New Delhi.
8. V.K. Saxena and Vashista -: Cost Accounting – Text book. Sultan Chand and Sons, New Delhi
9. V.K. Saxena and Vashista -: Cost Audit and Management Audit. Sultan Chand and Sons, New Delhi 10. Jain and Narang -: Cost Accounting Principles and Practice. Kalyani Publishers
11. N.K. Prasad -: Principles and Practice of Cost Accounting Book Syndicate Pvt. Ltd., Calcutta.
12. N.K. Prasad -: Advanced Cost Accounting Syndicae Pvt. Ltd., Calcutta.
13. R.K. Motwani -: Practical Costing. Pointer Publisher, Jaipur.

T.Y. B.Com. (Skill Based) CBCS
Cost and Works Accounting Special Paper III
Subject Name -: Cost and Works Accounting.
Course Code -: 365 (C)
Semester- VI

Paper No 355 (C) **Marks:-100**

(Theory 40, Practical 40, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th - Theory, Pra Practical, In- Internal)			
		Th	Pra	72	Th (40)	Pra (40)	In (20)	Credit
	TERM I							
1	Standard Costing 1.1 Definition and meaning of standard cost and Standard Costing. 1.2 Types of standards, setting up of Material, Labour Standards 1. 3 Difference between Standard Costing & Budgetary Control. 1.4 Advantages and Limitations of standard costing 1.5 Variance Analysis & its Significance 1.6. Meaning, types, and causes of material & labour variances. Problems on Material & Labourvariances.	10	6	18	10	10	20	1
2	**Pricing Decisions** 2.1 Principles of Product Pricing 2.2 Pricing Policy 2.3 Pricing of New Products and Finished Products 2.4 Target Costing. Meaning ,Importance in Pricing decision 2.3 Pricing Methods	12	6	18	10	10		1

	a. Competition based b. Cost-based c. Value-based (Simple Problems Only)							
3	**Cost Accounting Standards and Cost Managementfor Specific Sector** 3.1 Cost Accounting Standards a. CAS-6 Material Cost b. CAS-7 Employee Cost 3.2 Cost Management for Specific Sector a. Agricultural Sector Information Technology (IT) Sector	14	6	18	10	10		1
4	**Cost AccountingRecord Rules & Cost Audit:** 4.1 Introduction to cost accounting record u/s 148 of the companies Act 2013. 4.2 Cost records and Verification of Cost Records 4.3 Cost Audit – History, Meaning, applicability, Scope, objectives & advantages of Cost Audit 4.4 Cost auditor – Qualification, disqualification, rights, and duties. Preparation and Submission (XBRL) CostAudit Report.	12	6	18	10	10		1
	Total	48	24	72	40	40	20	4

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks 30 (convert out of 20)
1.	1	Journal	10 marks
2.	2	Assignment	10 marks
3	3	Powerpoint presentation	10 marks
		Total 30 (Convert out of 40)	30

Pattern of Question Paper

S.NO	Question	Nature of Question	• Marks

1	Question 1 (A) Answer the following questions (15 objective type questions)	Objective Question (Answer in one sentence) all units	10
2	Question 2	Answer the following question (Practical)	10
3	Question 3	Answer the following question (Practical)	10
4	Question 4	Write question (Any 2)	10
		Total	40

Reference Book

Sr. No	Title of the Book	Author	Publisher	Place
1	Theory and Techniques of CostAccounting.	B.L. Lall and G.L. Sharma	Himalaya Publishing House	New Delhi.
2	Strategic Cost Management and Performance Evaluation	Board of Studies, ICAI	ICAI	New Delhi
3	Advanced Cost Accounting	Dr. D. M. Gujrathi	Idol Publication	Pune
4	Advanced Cost Accounting	Dr.Kishor. M. Jagtap	Tech-Max Publication	Pune
5	Cost Accounting-Principles&Practices	Dr.M.N. Arora	Vikas Publishing House ,	New Delhi
6	Advanced Cost Accounting	S. P. Jain and K. L. Narang	Kalyani Publication	New Delhi

7	Cost Accounting-Principles &Practices	JawaharLal&SeemaShrivastawa	Tata Mcgraw Hill	New Delhi
8	Advanced Cost Accounting	N.K. Prasad	Book Syndicate Pvt. Ltd.	Kolkata
9	Cost Accounting	P. V. Rathnam and P. Lalitha	Kitab Mahal	Delhi
10	Practice in Advanced costing and Management Accounting.	Prof. Subhash Jagtap	Nirali Prakashan	Pune
11	Practical Costing.	R.K. Motwani	Pointer Publisher	Jaipur
12	Cost Accounting.	R.S.N. Pillai and V. Bhagavati	Sultan Chand and Sons	New Delhi.
13	Advanced Cost Accounting andCost Systems	Ravi Kishor	Taxman's Allied ServicePvt. Ltd.	New Delhi

Business Entrepreneurship Special Paper III
Subject Name -: Business Entrepreneurship.
Course Code -: 355(D)
Semester-V

Paper No 355 (D) **Marks:-100**

(Theory 70, Practical 10, Internal 20)

Objectives:-

1) To acquaint students with knowledge and skills required for organizing and carrying out entrepreneurial activities.
2) To develop the ability of analysing and understanding business situations.
3) To study the interdependent, fast-changing and diverse world of entrepreneurship and innovation.
4) To familiarize students with various concepts and processes involved in entrepreneurship and business formation and development.
5) To provide students with the knowledge, skills and motivation to encourage entrepreneurial approach in a variety of settings.
6) To study the application of group dynamics to counselling, personal growth and other psychologically-oriented groups

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th - Theory, Pra Practical, In- Internal)			
		Th	Pra	72	Th (70)	Pra (10)	In (20)	Credit
	Term I							
1	**Organizational Behavior:** Organization; Meaning, Definitions, Goals, Approaches. Organizational Behavior – Meaning, Definitions, Need. Nature. Importance & Scope Historical roots of OB. Organizational Behavior Models	12	6	18	15	3	20	1
2	**Individual Behavior and Personality:** Determinats of individual behavior – Personality: Meaning, Definitions, Determinants of Personality, Personality Traits, Personality Development, Emotional Intelligence, Entrepreneurial Personality.	12	6	18	15	2		1
3	**The study of Autobiographies of following Entrepreneurs**: (1) Dr. Nilakantha Kalyani (2) Shri. D.S. Kulkarni (3) Mr.Aditya Vikram Birla (4) hri. Dilip Narayan Borawake (5) Mrs.Jyoti Naik (Ejjat Ki Lajjat, Shri Mahila	12	6	18	20	3		1

	Gruh Udyog, Lijjat Papad) (6) Shri Ramesh J. Chavan-Thundered Unbottled							
4	**Group and Group Dynamics:** Meaning and Definitions of group, Classification of group, Group task Group size – Group formation process. Group Structure. Group Dynamics: Influence in Group Group Cohesion – Helping Behavior, Co – Operation and Competition Improved Work group.	12	6	18	20	2		1
		48	24	72	70	10	20	4

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks 30 (convert out of 20)
1.	1	Journal	10 marks
2.	2	Assignment	10 marks
3	3	Powerpoint presentation	10 marks
		Total 30 (Convert out of 20)	30

Pattern of Question Paper

S.NO	Question	Nature of Question	• Marks
1	Question 1 (A) Answer the following questions (15 objective type questions)	Objective Question (Answer in one sentence) all units	10
	Question 1(B)	Objective question (Fill in the blanks, Multi choice Questions,	5
2	Question 2	Answer the following question in one or two sentences(Any 5)	15
3	Question 3	Answer the following question in three or four sentences(Any 5)	15
4	Question 4	Write question with the help of sub question (Any 2)	10
		Answer the following question in 15 or 20 sentence with the help of sub question (any 2)	15
		Total	70

Recommended Books

1) Tosi H.L., Rizzo J.R., Carrol S.J. 'Handbook of Organizational Behaviour' – Infinity Books, New Delhi. 2) Robbins Stephen – 'Organizational Behaviour' Prentice – Hall of India, New Delhi.
3) Ghandekar (Dr.) Anjali – 'Organisational Behaviour' – Everest Publishing House.
4) Journal: Shri. Ram Centre for Industrial Relations and Human Resources – 'Indian Journal of Industrial Relations' New Delhi.
5) Vyavsay Udhojyakata-Dr.Sudhakar Jadhavar Success Publication Pune
6) Udhojyakanchi Kartutvagatha-Dr.P,C,Shejwalkar

T.Y. B.Com. (Skill Based) CBCS

Business Entrepreneurship Special Paper III
Subject Name -: Business Entrepreneurship.
Course Code -: 365(D)
Semester-VI

Paper No 355 (D) **Marks:-100**

(Theory 70, Practical 10, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th - Theory, Pra Practical, In- Internal)			
		Th	Pra	72	Th (70)	Pra (10)	In (20)	credit
1	**Team Building inEntrepreneurship** **Team in Entrepreneurship:** Meaning, Definition, Activities, Skills, Virtual Learning, Corporate Training, Digital Team, Challenges and Application to Team Building Team V/s Group, Types of Team, Creating High Performance Team,Managing Team	12	6	18	15	3	20	1
2	**Stress and ConflictManagement in Entrepreneurship:-** **Stress in Entrepreneurship:** Introduction, Meaning, Definition, Nature, Characteristics, Types, Causesof Stress in Entrepreneurship. Sources and Consequences of Stress, Stress Management- Personal and Organizational Approach Entrepreneurship. Measures to reduce stress in the workplace. **Conflict Management in Entrepreneurship:** Meaning, Definition, Nature, Characteristics, Types of Conflict Management in Entrepreneurship, Causes of Conflicts in Entrepreneurship, Stress Factors Influencing on Conflict Management in Entrepreneurship, Strategies of Conflict Management in Entrepreneurship, Theories of Conflict Management.	12	6	18	15	2		1
3	**Motivation forEntrepreneurs** **Motivation:** Motivation at Work Place- Meaning, Definition, Need and Types of Motivation For Entrepreneurs, Techniques of Motivation, Motivational Theories,	12	6	18	20	3		1

	Motivation In Covid-19 Crises For Entrepreneurs. Job Description, Job Analysis, Management By Objectives (MBO), Job Rotation, Job Enrichment, Job Enlargement, Employee Involvement Programme In Entrepreneurship.							
4	**Digital Marketing forEntrepreneurship** **Digital Marketing:** Concept, Meaning, Definition, Significance ForEntrepreneurs, Types Of Digital Marketing, Role Of Digital Marketing In Entrepreneurship, IssuesIn Digital Marketing, The New 4 P's Of Digital Marketing, Key Elements Of Digital Marketing, Ways To Become The Best Digital Marketer, Future Scope For Digital Marketing, Role Of Covid-19 In Digital Marketing For Enhancing Entrepreneurship.	12	6	18	20	2		1
		48	24	72	70	10	20	4

Pattern of Practical Examination

S.N	Question	Nature of Question	Marks 30 (convert out of 20)
1.	1	Journal	10 marks
2.	2	Assignment	10 marks
3	3	Powerpoint presentation	10 marks
		Total 30 (Convert out of 20)	30

Pattern of Question Paper

S.NO	Question	Nature of Question	• Marks
1	Question 1 (A) Answer the following questions (15 objective type questions)	Objective Question (Answer in one sentence) all units	10
	Question 1(B)	Objective question (Fill in the blanks, Multi choice Questions,	5
2	Question 2	Answer the following question in one or two sentences(Any 5)	15
3	Question 3	Answer the following question in three or four sentences(Any 5)	15
4	Question 4	Write question with the help of sub question (Any 2)	10
		Answer the following question in 15 or 20 sentence with the help of sub question (any 2)	15
		Total	70

References:

1) Business Environment, Francis Cherunilam, Himalaya Publishing House, New Delhi.
2) Entrepreneurship Development, Khanna S.S, S. Chand, New Delhi.
3) Entrepreneurship Development, Gupta, Shrinivasan, S. Chand, New Delhi
4) Dynamics of Entrepreneurship, Desai Vasant, Himalaya Publishing House, New Delhi
5) Indian Economy, Ruddar Datt, K.P.M. Sundharam, S. Chand, New Delhi
6) THE ENTREPRENEUR MIND, KEVIN D. JOHNSON, JOHNSON MEDIA INC.
7) THE BEGINNER ENTREPRENEUR, ANGELA JENKINS, INNOVATIVE THINKING PUBLISHING
8) The Lean Startup, ERIC RIES, Random House Audio
9) Udyog, Udyog Sanchalaya, Mumbai
10) Vyawasaya Udyojagata, Dr. S. L. Shiragave, Success Publication, Pune

T.Y.B.COM. (Skill Based) CBCS
Skill Enhancement Compulsory Course
Computer Fundamentals
Semester-V
Course Code-356

Objectives:

1. To get introduce with the Database concepts
2. To understand the concept of Information Systems.
3. To enable the students to develop small, real life business applications.
4. To get acquainted with software and hardware concepts and real life applications used in business

Paper No. 306

Total Marks 100
(Theory 30, Practical 50, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th - Theory, Pra Practical, In- Internal)			
		Th	Pra	72	Th (30)	Pra (50)	In (20)	Credit
	Term I							
1	**Introduction to Computer and Operating System** **1.1** Definition, Block Diagram, Computer Hierarcy(Classification) **1.2 Definition Software :** Software Types System Software, Application Software **1.3 Definition of Operating System :** Types of Operating Systems Functions of Operating Systems **1.4 Working with Windows Operating System :** Definition of Information Technology (IT) Benefits of Information Technology (IT) Applications of Information Technology (IT) **1.5Office Automation tools :** MS-Word, MS-Excel, MS-Power point, Data processing	**8**	**10**	**18**	**8**	**14**	**20**	**1**
2	**Secondary Storage :** **2.1** Introduction of Secondary storage **2.2** Hard Disk – Internal, External **2.3** Solid Storage – Flash Memory, USB Drive Cloud Storage – eg. Google Drive, Mas storage, Storage Area Network **2.4** Optical Disk – CD, DVD **2.5** Introduction of Communication & Network Connectivity, Wireless Revolutions **2.6 Communication Channels :** Physical Connection (Ethernet Cable, Fibber optical Cable **2.7 Wireless Connections** Bluetooth, Wi-Fi, Microwave, Y-max,	**8**	**10**	**18**	**6**	**12**		**1**

	2.8 Connection Devices Introduction – Data Transmission, protocols, networks, types of network.							
3	**3.1 Electronic Payment System :** Electronic Data Interchange Introduction EDI, Architecture Financial EDI Technologies **3.2 Introduction to EPS** Application online payment system, Introduction EFT (Electronic Fund Transfer) Types of EFT (NEFT, RTGS) E-payment system, Digital token, Steps for Electronic Payment, Payment Security, Net Banking **3.3 Introduction to Digital Signature, Digital Certificates, Stages of SET,** **3.4 Types of Payment System:** Digital Cash, Electronic Cheque, Smart Card, Credit/Debit Card. **3.5E- Payment**: Google Pay, Phone pay, Amazone Pay, Bharat pay, Paytm, Geo money, **3.6 UPI (ID) :**Petrol Bill, Emergency Bill, Bank Details	**8**	**10**	**18**	**8**	**12**		**1**
4	**Communication & Network** **4.1 Introduction of Communication & Network** 4.2 Connectivity, Wireless Revolutions **4.3 Communication Channels :** Physical Connection (Ethernet Cable, Fibber optical Cable **4.4 Wireless Connections** Bluetooth, Wi-Fi, Microwave, Y-max, **4.5 Connection Devices** Introduction – Data Transmission, protocols, networks, types of network	**8**	**10**	**18**	**8**	**12**		
	Total	**32**	**40**	**72**	**30**	**50**		**4**

Pattern of Question Paper:

S. No.	Name of Question	Marks
1	Fill in the blanks (Answer any 7 question from given 5 question)	8
2	Multi choice questions (all question compulsory)	7
3	Write short note (Answer any 5 question from given 2 question)	5
4	Write a diagram and proper name (Answer any 3 question from given 1 question)	5
5	Answer in one sentence (Answer any 7 question from given 4 question)	5
	Total :	**30**

Pattern of Practical Examination

S. No.	Question	Nature of Question	Mark
1	Q. 1	Identify computer hardware and software (in the lab)	05
2	Q. 2	Design algorithm and flowchart for simple sequential problems.	05
3	Q. 3	Identify various problem solving steps, Experiments for burning the contents in to optical disks.	05
4	Q. 4	Identify various operating system file management commands (create, copy, move, delete and rename folders and files)	05
5	Q. 5	Print natural numbers, Factorial value, Multiplication table, Sum of digits, Sum of a set of numbers, calculation of grade based on boundary conditions	05
6	Q. 6	Demonstrate how to create email-id and uploading and downloading files.	05
7	Q. 7	Demonstrate output functions and input function for a simple application,	05
8	Q. 8	Preparation of presentation (with transition and animations , insertion of scanned images and internet contents) Create a Flayer, Advertise, Photo Editing, Animation	05
9	Q. 9	Create a Balance Sheet (Tally ERP 9)	05
10	Q.10	Programs to calculate average of 3 numbers, area of triangle, volume of cylinder, Temperature conversion. 9. Largest of 3 numbers, Check whether even or odd, Roots of quadratic equation, Character name of the day.	05
Total			**50**

External Mark:

S. No.	Question	Nature of Question	Mark
1	Visit Report / Project	10	10
2	Gernal	10	10
	Total		**20**

References:

S.	Title of Book	Author's	Publication	Place

No.				
1	Computer Information Technology	Hemant Dev Gauri Kapure	K'Sagars Publication	Pune
2.	Tally ERP	Santosh Pendse	P. B. Publications	Pune
3.	Notes for Computer Course	Phadke, Moghe, Devadikar	Samrat Prakashan	Mumbai
4	Fundamentals of Computer Studies	Jeleel Adekunle	Expert Solutions Consults	University of Ilorin
5.	Computer Fundamentals	Anita Goel	Printed in India Saurabh Printers Pvt. Ltd.	Delhi
6.	MS-CIT BOOK (Olak Mahiti Tantradnyanachi)	Timothi J. O'Liyari Linda J. O'Liyar	McGraw Hill Education	Chennai
7.	Photoshop 7.0			
8.	Classroom in Book (Adobe Photoshop CS2)	Indianapolis, United States	Pearson Education (US)	Indianapolis, United States
9.	Fundamentals of Computer Science	M. Abid	Internation Publishing House	New Delhi
10.	Computer Fundamental	Pradip Sinha Preeti Sinha	B.P.B Publication	
11	Computer Fundamental	V. Rajaram	PHI Publication	
12	Fundamentals of Computer	Reema Thareja	Oxford University	New Delhi

Website:

You tube
www.ksagar.com
http://doi.org
www.upcissyoutube.com

Teaching Methodology:

1. Power point Presentation
2. Demo Lecture
3. Hands and Practical
4. Video presentation
5. You tube video on developing database applications
6. Demonstration of Data types and keys
7. Presentations Computer based Lectures.

T.Y.B.COM. (SKILL BASED) CREDIT BASED SEMESTER SYSTEM
SKILLED BASED COMPULSORY PAPER
COMPUTER FUNDAMENTALS
SEMESTER – VI

Paper No. 366 **Total Marks 100**
(Theory 30, Practical 50, Internal 20)

Objectives:

1. To get introduce with the Database concepts
2. To understand the concept of Information Systems.
3. To enable the students to develop small, real life business applications.
4. To get acquainted with software and hardware concepts and real life applications used in Business

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th - Theory, Pra Practical, In- Internal)			Credits
		Th	Pra/ Visit	72	Th (30)	Pra (50)	In (20)	4
1	**COMPUTER APPLICATIONS IN COMMERCE :** 1.1 Computer Applications in Business Need and Scope **1.2 Introduction to Ecommerce Tools** Process of E-Commerce Types of E-Commerce Role of Internet and Web in E-commerce, Technologies used in E-commerce system. **1.3 E-Commerce Activities** Various Activities of E-commerce, various models , Providers & Vendors, Business Case, Components and Factors of Development, Steps and Design, Website. **1.4 Introduction to M-Commerce** Definition, Need & Scope , **1.5** Advantage and Disadvantages of	8	10	18	7	10		1

	M-Commerce, **1.6** M-Commerce Application, Types of M-Commerce, Products and Services, Mobile payment Application, Difference between E-Commerce and M-Commerce.							
2	**D.T.P. (DESKTOP PUBLISHING)** **2.1** Introduction, Uses, Important Software, **2.2** Advantage and Disadvantage **2.3** Introduction of Printings and its types:- Screen Printing, Flayer, Flex **2.4 Page maker** a) Introduction, Parts, Features, Function, Advantage and Disadvantage b) Advance Features of page maker, Master pages, Story Editor, Bullets and Numbering, Indent and Tab, Menu Command, Short cut Commands, Spell Check, Find Replace.	8	10	18	7	15		1
3	**3 Graphic Files and Extensions** Vector Image and Raster Images, colour modes, **3.1 Photoshop** Introduction, Screen and work area, Tool box, Palettes, Layers, Filters, Working with images, **3.2 Coral draw X8**	8	10	18	7	15		1
4	**TALLY ERP 9** 4.1 Manual Accounting, Computerized Accounting 4.2 Cost centres, 4.3 Cost Categories, 4.4 Bank Reconciliation 4.5 Adjustment Entries (Backup, Restore, Tally Audit, User Creation, Budget, Inventory, Pure Inventory, GST, TDS, TCS, Bill of materials, Price List, Zero value Entry, Point of sale, Payroll system, Group of Companies.)	10	8	18	9	10		1
	Total	**34**	**38**	**72**	**30**	**50**	**20**	**4**

- **<u>Pattern of Question Paper :</u>**

S. No.	Name of Question	Marks
1	Fill in the blanks (Answer any 7 question from given 5	5

	question)	
2	Multi choice questions (all question compulsory)	4
3	Write short note (Answer any 5 question from given 3 question)	6
4	Write a diagram and proper name (Answer any 7 question from given 5question)	10
5	Answer in one sentence (Answer any 2 question from given 4 question)	5
	Total :	**30**

- **Pattern of Practical Examination**

S. No.	Question	Nature of Question	Mark
1	Q. 1	Identify computer hardware and software (in the lab)	05
2	Q. 2	Edit Image Using Photoshop	05
3	Q. 3	Adding and configuring photos. • Run teams Allocation - all and then Edit - copy. • Switch to file. Baiterek.jpg. and execute the command Edit - insert. • Reduce the size of the added image using the command Edit - free transformation. • Rotate the image to execute by applying the command Edit - Transformation - Rotate. • Using tool Move, Move the image. After adding a fragment a new layer appeared Layer 1., rename it in a layer double clicking the name of the layer on the panel Layers.	05
4	Q. 4	**Work with layers. Styles of layers** What is retouched?. What types of retouching are? What tools are used for technical retouching? What tools and techniques can be used for art retouching?	05
5	Q. 5	Creating a layer with patterns. Placing patterns, for ease of work, combine these layers into one, to do this, select layers with patterns using the key Shift and execute the command Layers – Combine layers.	05
6	Q. 6	Demonstrate how to create email-id and uploading and downloading files.	05
7	Q. 7	Demonstrate output functions and input function for a simple application,	05
8	Q. 8	Preparation of presentation (with transition and animations , insertion of scanned images and internet contents) Create a Flayer, Advertise, Photo Editing,	05

		Animation	
9	Q. 9	Create a Balance Sheet (Tally ERP 9)	10
Total			**50**

- **External Mark:**

S. No.	Question	Nature of Question	Mark
1	Visit Report / Project	10	10
2	Gernal	10	10
	Total		**20**

- **References:**

S. No.	Title of Book	Author's	Publication	Place
1	Computer Information Technology	Hemant Dev Gauri Kapure	K'Sagars Publication	Pune
2.	Tally ERP	Santosh Pendse	P. B. Publications	Pune
3.	Notes for Computer Course	Phadke, Moghe, Devadikar	Samrat Prakashan	Mumbai
4	Fundamentals of Computer Studies	Jeleel Adekunle	Expert Solutions Consults	University of Ilorin
5.	Computer Fundamentals	Anita Goel	Printed in India Saurabh Printers Pvt. Ltd.	Delhi
6.	MS-CIT BOOK (Olak Mahiti Tantradnyanachi)	Timothi J. O'Liyari Linda J.O'Liyar	McGraw Hill Education	Chennai
7.	Photoshop 7.0			
8.	Classroom in Book (Adobe Photoshop CS2)	Indianapolis, United States	Pearson Education (US)	Indianapolis, United States
9.	Fundamentals of Computer Science	M. Abid	Internation Publishing House	New Delhi
10.	Computer Fundamental	Pradip Sinha Preeti Sinha	B.P.B Publication	
11.	Computer Fundamental	V. Rajaram	PHI Publication	
12.	Fundamentals of Computer	Reema Thareja	Oxford University	New Delhi
13.	Practical Photoshop® CS6 Level 1	Barbara Zukin Heiman. Ph.D.		PO Box 195, Vineburg,

		Donald Laird Corrine Haverinen Windsor Green Marilyn P. Kelly, Ed.D.		CA 95487

- **Website:**

You tube

www.ksagar.com

http://doi.org

www.upcissyoutube.com

Find us on the Web at http://www.practical-photoshop.com.

- **Teaching Methodology:**

1. Power point Presentation
2. Demo Lecture
3. Hands and Practical
4. Video presentation
5. You tube video on developing database applications
6. Demonstration of Data types and keys
7. Presentations Computer based Lectures.

Photography
Semester-V

Paper No-367 **Total Marks 100**

(Theory 30, Practical 50, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks		
		Theory	Practical	144	Theory 20	Practical 60	Internal 20
	Term 1						
1	**1. Photographic image as a means of communication:** Role of photograph and photographer in the process of visual communication. **2. Photo Appreciation:** Work of famous photographers through history and the impact of their work on society. **3. Visual Culture and Visual Literacy:** Meaning, Need and Significance	9	9	18	5	7	20
2	**1. Painting versus Photography:** Comparison, Limitations and advantages of one over the other.	9	18	27	5	10	
3	**1. Advance Lighting:** Types of light Sources, natural and artificial light. Spectral distribution of light sources, Hard & soft light. Basic lighting set up for a portrait. Key, Fill, Back & Top light. Brightness ratio and lighting ratio. Types of portrait lighting, Lighting for different subjects / situations. Flash light, Flash curves, Guide number. Electronic flash. Flash synchronization for different shutter speeds. Studio flash lights	9	9	18	5	8	
	Term 2						
4	**1.Application areas of photography:** Use of a photographic image in different walks of life. **2.Scope for a photographer:** Evolution of a photographer from a freelancer to the independent photographer.	9	27	36	5	10	
5	**1. SPECIAL SHOOTING TECHNIQUES:** additional equipment, filters, lights, accessories, positioning, depth of field, exposure for : Portrait	9	18	27	5	8	

	Photography, food Photography, Advertising Photography, Product Photography, micro photography, High speed Photography, Underwater Photography, Architecture and interior Photography and etc.						
6	**1.Digital Retouching & Image Enhancement** Advance Techniques of Editing image using various software's.	**9**	**9**	**18**	**5**	**7**	
		54	**90**	**144**	**30**	**50**	**20**

Paper Pattern for Photography

Ques. 1 - Multiple choices Question.- 7 Marks

Ques. 2. Fill in the blanks/Answer in one word or one sentence – 8Marks

Ques.3. Draw a diagram (any one from given three)- 7 Marks

Ques. 4- Write any one from given three

OR

Draw a diagram and Describe it.-8 Marks

PHOTOGRAPHY PRACTICAL Term 1

Unit No.	Topic
1	Indoor or outdoor shooting with using light or flash
2	Study any famous Photographer Lighting Techniques and Replicate in yours style

PHOTOGRAPHY PRACTICAL Term 2

Unit No.	Topic
1	Image Retouch Using Photoshop (Portrait, Product, etc)
2	Shoot any of following types of photography. Portrait Photography, food Photography, Advertising Photography, Product Photography, micro photography, High speed Photography, Underwater Photography, Architecture and interior Photography

T.Y. B.com (Skill Based) CBCS

Skill Enhancement Optional Course

Photography
SEM – VI

Paper No-367 **Total Marks 100**
(Theory 30, Practical 50, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th - Theory, Pra Practical, In- Internal)			Credits
		Th	Pra/ Visit	72	Th (30)	Pra (50)	In (20)	4
	SEM - VI							
1	**1.Application areas of photography:** Use of a photographic image in different walks of life. **2. Scope for a photographer:** Evolution of a photographer from a freelancer to the independent photographer.	8	10	18	7	10		1
2	**SPECIAL SHOOTING TECHNIQUES :** additional equipment, filters, lights, accessories, positioning, depth of field, exposure for : Portrait Photography, food Photography, Advertising Photography, Product Photography, micro photography, High speed Photography, Underwater Photography, Architecture and interior Photography and etc.	8	10	18	7	15		1
3	**Digital Retouching & Image Enhancement** Advance Techniques of Editing image using various software's.	8	10	18	7	15		1
4	**Different genre of Photography Responsibility of a Photography**	10	8	18	9	10		1
	Total -	**34**	**38**	**72**	**30**	**50**	**20**	**4**

PAPER PATTERN FOR PHOTOGRAPHY:

Q.1 - Multiple choices Question.- 7 Marks
Q.2. Fill in the blanks/Answer in one word or one sentence – 8Marks
Q.3. Draw a diagram (any one from given three) - 7 Marks
Q.4. Write any one from given three
OR
Draw a diagram and Describe it.-8 Marks

PHOTOGRAPHY PRACTICAL

Unit No.	Topic
1	Image Retouch Using Photoshop (Portrait, Product, etc)
2	Shoot any of following types of photography. Portrait Photography, food Photography, Advertising Photography, Product Photography, micro photography, High speed Photography, Underwater Photography, Architecture and interior Photography

T.Y.B.COM (SKIILL BASED) CBCS
Skill Enhancement Optional Course
Embroidery

Semester-V

Paper No-357 **Total Marks 100**

(Theory 30, Practical 50, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks		
		Theory	**Practical**	**144**	**Theory 30**	**Practical 50**	**Internal 20**
1	Types of Colour & Tones of Colour- Primary, Secondary, Neutral, Cool & warm Colour wheel &- Colour schemes 1. Colour-colour wheel -- 2. Monochrome-Contrast-Related-Neutral (Black-White & Gray)-Complementary-Multicolour	**4**	**20**	**24**	**5**	**7**	
2	**COMBINATION OF STITCHES &WORK STYLES** Lazy-daisy, stem French knot and bullion knot stitches. Satin, chain, button hole stitches & different types of edges (hem stitch, scallops, lace & rolled hem) Long & short, shade work, satin & French knot stitches. Appliqué work. Cross Stitch. Tapestry Stitch. Shadow work. Mirror work. English Smocking. Cut work. Sindhi Work **Prepare samples of above stitches on 10"/10" fabric. The size of the design should be 5"/5"**	**4**	**20**	24	**5**	**8**	
3	Embroidery tools & equipment. Categories of basic stitches of hand embroidery-their techniques and applications. Embroidery threads and their classification. Selection of threads & needles according to the texture and fibre of the material. Tracing technique. Tracing methods. Ironing & finishing of the embroidered articles. Identification of fiber and their characteristics. Shade work, its kinds, techniques & characteristics.	**4**	**20**	**24**	**5**	**10**	

	Applique work. Smocking –its kinds and uses. Cut work- its kinds and uses. **Prepare samples of above stitches on 10"/10" fabric. The size of the design should be 5"/5"**						
	TERM II						
4	**Flat Stitches** Running Stitch Back Stitch Stem Stitch Satin Stitch Kashmiri Stitch Couching Stitch Cross Stitch Herringbone Stitch **(Prepare samples of above Indian embroidery on 10"/10" fabric. The size of the design should be 5"/ 5". Also prepare a report indicating fabric used, type and size of needle, type of thread and amount of all the material consumed**	**4**	**20**	**24**	**5**	**7**	
5	**Knotted Stitches** French knot Stitch Double knot Stitch Bullion knot Stitch **Prepare samples of above stitches on 10"/10" fabric. The size of the design should be 5"/5"** **Loop Stitches** Chain Stitch Lazy-daisy Stitch Button hole Stitch Blanket Stitch Fishbone Stitch Feather Stitch fly Stitch **Prepare samples of above stitches on 10"/10" fabric. The size of the design should be 5"/5"**	**4**	**20**	**24**	**5**	**8**	
6	**Product Development** Design a Product incorporating Traditional Embroidery Designing of Product with Application of Any above Traditional Embroidery (Design any **Three products** with Traditional Embroidery from tablecloth, bag, cushion cover, set of hankys, Dupatta , Two meter table cloth with Border and center , batawa, Yock)	**4**	**20**	**24**	**5**	**10**	
		24	**120**	**144**	**30**	**50**	**20**

STUDENT ACTIVITIES

Students will prepare File/journal for the above mentioned Experiments.

Students will prepare sample of above stitches on fabric. Student will collect photographs from internet which is related to field application of various topics as an assignment

Pattern of Question Paper

S.N.	Question	Marks
1	Journal	10
2	Any five stitches in one design (Give 10x10 piece of Cloth with design and ask to do embroidery work with using any five types of stitches)	40
	Total	50

T.Y.B.com (SKIILL BASED) CBCS
Skill Enhancement Optional Course
Embroidery

Semester-VI

Paper No-367 **Total Marks 100**
(Theory 30, Practical 50, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th - Theory, Pra Practical, In- Internal)			Credits
		Th	Pra/ Visit	72	Th (30)	Pra (50)	In (20)	4
1	**Flat Stitches** Running Stitch, Back Stitch Stem Stitch, Satin Stitch Kashmiri Stitch, Couching Stitch Cross Stitch, Herringbone Stitch **(Prepare samples of above Indian embroidery on 10"/10" fabric. The size of the design should be 5"/ 5". Also prepare a report indicating fabric used, type and size of needle, type of thread and amount of all the material consumed**	8	10	18	7	10		1
2	**Knotted Stitches** French knot Stitch Double knot Stitch Bullion knot Stitch **Prepare samples of above stitches on 10"/10" fabric. The size of the design should be 5"/5"**	8	10	18	7	15		1

3	**Loop Stitches** Chain Stitch Lazy-daisy Stitch Button hole Stitch Blanket Stitch Fishbone Stitch Feather Stitch fly Stitch **Prepare samples of above Stitches on 10"/10" fabric. The size of the design should be 5"/5**	8	10	18	7	15		1
4	**Product Development** Design a Product incorporating Traditional Embroidery Designing of Product with Application of Any above Traditional Embroidery (Design any **Three products** with Traditional Embroidery from tablecloth, bag, cushion cover, set of hankys, Dupatta, Two meter table cloth with Border and center , batawa, Yock)	10	8	18	9	10		1
	Total	**34**	**38**	**72**	**30**	**50**	**20**	**4**

STUDENT ACTIVITIES:

Students will prepare File/journal for the above mentioned Experiments.

Students will prepare sample of above stitches on fabric.

Student will collect photographs from internet which is related to field application of various topics as an assignment

PATTERN OF QUESTION PAPER:

S. N.	Question	Marks
1	Journal	10
2	Any five stitches in one design (Give 10x10 piece of Cloth with design and ask to do embroidery work with using any five types of stitches)	40
	Total	**50**

T.Y B.COM. (Skill Based) CBCS
Skill Enhancement Optional Course
Cutting and Sewing
Semester V

Paper No-357 **Total Marks 100**

(Theory 30, Practical 50, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks		
		Theory	Practical	144	Theory 30	Practical 50	Internal 20
	TERM I						
1	Pattern Making, Cutting & Stitching of Kali dar Kurta	4	14	18	4	7	
2	Pattern Making, Cutting & Stitching of Blouse, Choli cut Blouse	4	14	18	3	6	
3	Pattern Making, Cutting & Stitching of Nighty AND Ladies Shirt	4	14	18	4	6	
4	Pattern Making, Cutting & Stitching of Salwar	4	14	18	4	6	
	TERM II						
5	Pattern Making, Cutting & Stitching of Gents Shirt ,Knicker	4	14	18	4	7	
6	Pattern Making, Cutting & Stitching of Trousers	4	14	18	4	6	
7	Checking of garments in respects of – · Measurements · Stitching · Stains · Defects	4	14	18	4	6	
8	Check & Correct Pattern Practice of making plans for different garments. Employability Skill . Rivision . Examination	4	14	18	3	6	
		32	112	144	30	50	20

Practical Examination

Paper cutting and Stitching of KALIDARA KURTA OR SALWAR 50 , Theory – On ALL chapters 20

T.Y B.com. (Skill Based) CBCS
Skill Enhancement Optional Course
Cutting and Sewing
SEM – VI

Paper No-367

Total Marks 100
(Theory 30, Practical 50, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks (Th - Theory, Pra Practical, In- Internal)			Credits
		Th	Pra/ Visit	72	Th (30)	Pra (50)	In (20)	4
	SEM – V							
1	Pattern Making, Cutting & Stitching of Gents Shirt, Knicker	8	10	18	7	10		1
2	Pattern Making, Cutting & Stitching of Trousers	8	10	18	7	15		1
3	Checking of garments in respects of – · Measurements · Stitching · Stains · Defects	8	10	18	7	15		1
4	Check & Correct Pattern Practice of making plans for different garments. Employability Skill. Revision. Examination	10	8	18	9	10		1
	Total	**34**	**38**	**72**	**30**	**50**	**20**	**4**

T.Y.B.COM. Skill Based CBCS
Skill Enhancement Optional Course
Beatification
Semester V

Paper No-357 **Total Marks 100**
(Theory 30, Practical 50, Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours	Total Marks		
		Theory	Practical	144	Theory 30	Practical 50	Internal 20
	Section I						
1	Revision and Practice of Temporary hair removal ,Eyebrow threading, Bleaching, Hand massage Arm massage Leg massage, Pedicure , Nail art	5	11	16	3	6	20
2	Trolley setting Client consultation Scalp analysis Hair problems Equipment usage: High frequency, infrared lamp, scalp steamer Head massage Shampooing Conditioning(Theory-Hair Science and Hair Care)	5	11	16	4	6	
3	Revision and practice of Hair Treatment. Revision and practice of hair cut .(Strait , Wavy, curly and super curly hairs)	6	14	20	4	7	
4	Revision and practice of hair styling .(Strait , Wavy, curly and super curly hairs)	6	14	20	4	6	
	SECTION II						
5	Revision and practice of hair styling .(Strait , Wavy, curly and super curly hairs)	4	12	16	3	7	
6	Trolley setting Client consultation Skin analysis Advance facial treatments (Theory-Advanced Facial treatment)	4	12	16	4	6	

7	Advance facial treatments. Different Types of Facials. (Theory-Advanced Facial treatment)	**6**	**14**	**20**	**4**	**6**	
8	Trolley setting Client consultation Skin analysis Selection of cosmetics Different types of makeup Corrective make up (at the rate of 1 day a week)	**6**	**14**	**20**	**4**	**6**	
		42	**102**	**144**	**30**	**50**	**20**

T.Y.B.com. Skill Based CBCS
Skill Enhancement Optional Course
Beatification
SEM - VI

Paper No-3676 Total Marks 100
(Theory 30, Practical 50, Internal 20)

Unit No.	**Topic**	**No. of Lectures**		**Total Hours**	**Total Marks**			**Credit**
		Theory	**Practical**	**72**	**Theory 30**	**Practical 50**	**Internal 20**	
1	Revision and practice of hair styling (Strait , Wavy, curly and super curly hairs)	**8**	**10**	**18**	**8**	**15**		**1**
2	Trolley setting Client consultation Skin analysis Advance facial treatments (Theory-Advanced Facial treatment)	**7**	**11**	**18**	**8**	**15**	**20**	**1**
3	Advance facial treatments. Different Types of Facials. (Theory-Advanced Facial treatment)	**7**	**11**	**18**	**7**	**10**		**1**
4	Trolley setting Client consultation Skin analysis Selection of cosmetics Different types of makeup Corrective make up (at the rate of 1 day a week)	**8**	**10**	**18**	**7**	**10**		**1**
	Total	**30**	**42**	**72**	**30**	**50**	**20**	**4**

T.Y.B.com (Skill Based) CBCS
Skill Enhancement Optional Course
Repairing and Maintenance of Electronic Devices
SEM – V

Paper No-357 **Total Marks 100**

(Theory 30, Practical 50,

Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours 72	Total Marks			
		Theory	Practical		Theory 30	Practical 50	Internal 20	Credit
1	• Repair maintenance of the basic electrical and electronics appliances. • Identification to protective devises	10	8	18	7	10		1
2	**Washing machine** • Different types of machines, • Washing techniques, Parts of manual, semiautomatic and fully automatic machines, • Basic working principle of manual, semiautomatic and fully automatic machines, • Study the working Of motors, different types of timers, power Supply 1 circuits	8	10	18	8	15		1
3	**Microwav1e oven** • Different types of oven, • Study the various functions of Oven • Electrical wiring diagram of microwave oven. • Working of Power supply.	8	10	18	8	10		1
4	**Steam Iron** • Identify the faults in steam iron & rectify • Principle of electric iron, parts of steam iron, thermostat heat controls • Dismantle and identification of various parts, wiring • Tracing of various controls, Electronic circuits in steam Iron	8	10	18	7	15		1
	Total	34	38	72	30	50	20	4

T.Y.B.Com(Skill Based) CBCS
Skill Enhancement Optional Course
Repairing and Maintenance of Electronic devices
SEM – VI

Paper No-367 **Total Marks 100**

(Theory 30, Practical 50,

Internal 20)

Unit No.	Topic	No. of Lectures		Total Hours 72	Total Marks Th. – Theory, P- Practical In. – Internal			
		Theory	Practical		Th 30	P 50	In. 20	Credit
1	**Electric Rice cooker** • Principle of working of rice cooker. • Various parts & functions of rice cooker. • Temperature control and timer unit. • Identify various components of Electric rice cooker, controls and trace the circuit and rectify the simulated faults.	10	8	18	7	10		1
2	**Electric kettle** • Principle of working of electric kettle. • Various parts & functions of electric kettle and temperature control unit. • Identify various components of Electric kettle, controls and trace the circuit and rectify the simulated faults.	8	10	18	8	15		1
3	**Mixer & Grinder** • Various parts & functions of Mixer/Grinder, • Speed control circuit & automatic over load Mixers/grinders • Identify the faults in various types of Mixers/grinders • Dismantle and identification of various parts, wiring, tracing of various controls, • Electronic circuits in various types of Mixers/grinders & rectify protector.	8	10	18	8	10	20	1
4	• Understand domestic wiring and layout • Basic safety practices.	8	10	18	7	15		1
	Total	34	38	72	30	50	20	4

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AKOLE TALUKA EDUCATION SOCIETY'S,

AGASTI ARTS, COMMERCE AND DADASAHEB RUPWATE SCIENCE COLLEGE,
AKOLE, TAL. AKOLE, DIST. AHMEDNAGAR

ACADEMIC CALENDER (2018-19)

The Institution follows a well designed and well-prepared academic calendar for effective implementation of the curricular and co-curricular activities. Academic calendar is prepared at the beginning of every academic year by NAAC co-coordinator with consultation with Head of the Institution, Head of the different departments, Registrar and Chairman of student council and uploaded on the college website. Time table of all activities is so designed in a manner that students take part in the maximum number of activities in order to develop their personality. The academic calendar is distributed to various departments of the college and effective implementation is carried out by proper distribution within teaching and non-teaching staff of the college.

AGASTI ARTS, COMM. & DADASAHEB RUPWATE SCIENCE COLLEGE
EST. 1974
TAL. AKOLE
DISTRICT
AHEDNAGAR
422601

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RUPWATE SCIENCE COLLEGE, AKOLE

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AGASTI ARTS, COMMERCE AND DADASAHEB RUPWATE SCIENCE COLLEGE
AKOLE, TAL. AKOLE, DIST. AHMEDNAGAR

ACADEMIC CALENDER OF EXAMINATION SECTION

(2018-19)

TERM - I

Supplementary Examination of B.A./B.Com repeater students	11/09/18 to 16/09/18
Internal Assessment Examination of F.Y./S.Y./T.Y. B.Sc./B.C.A./B.B.A./B.C.S./Wine tech. regular students	18/09/18 to 26/09/18
Preparation and distribution of Hall-Tickets of University Examination to be held in Oct./Nov. 2018 of F.Y. B.Sc./B.C.A./B.B.A./B.C.S./Wine tech. regular students	21/09/18 to 29/09/18
Online receipt of Term-End exam. forms of F.Y./S.Y./T.Y. B.A./B.Com regular students	19/09/18 to 30/09/18
Distribution of Hall-Tickets of Term-End examination of F.Y./S.Y./T.Y. B.A./B.Com regular students	03/10/18 to 10/10/18
Commencement of Term End Exam. of F.Y./S.Y./T.Y. B.A./B.Com regular students	From 19/10/18 to onwards
Commencement of regular main University examination	From 03/10/18 to onwards

AGASTI ARTS, COMM. & DADASAHEB RUPWATE SCIENCE COLLEGE
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TERM – II

Internal Assessment Examination of F.Y./S.Y./T.Y. B.Sc./B.C.A./B.B.A./B.C.S./Wine tech. regular students	10/03/19 to 17/03/19
Commencement of regular main University examination	From 25/04/19 to onwards

College Exam. Officer,
Agasti Arts,Commerce & Dadasaheb
Rupwate Science College,Akole,
Tal.Akole, Dist.Ahmednagar

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AKOLE TALUKA EDUCATION SOCIETY'S,

AGASTI ARTS, COMMERCE AND DADASAHEB RUPWATE SCIENCE COLLEGE,
AKOLE, TAL. AKOLE, DIST. AHMEDNAGAR

ACADEMIC CALENDER (2020-21)

The Institution follows a well designed and well-prepared academic calendar for effective implementation of the curricular and co-curricular activities. Academic calendar is prepared at the beginning of every academic year by NAAC co-coordinator with consultation with Head of the Institution, Head of the different departments, Registrar and Chairman of student council and uploaded on the college website. Time table of all activities is so designed in a manner that students take part in the maximum number of activities in order to develop their personality. The academic calendar is distributed to various departments of the college and effective implementation is carried out by proper distribution within teaching and non-teaching staff of the college.

AGASTI ARTS, COMM. & DADASAHEB RUPWATE SCIENCE COLLEGE
EST. 1974
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AHEDNAGAR
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PRINCIPAL,
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RUPWATE SCIENCE COLLEGE, AKOLE

साहसे श्री: प्रतिवसति|

Akole Taluka Education Society's,

Agasti Arts, Commerce And Dadasaheb Rupwate Science College, Akole

Tal. Akole, Dist. Ahmednagar

ACADEMIC CALENDER OF EXAMINATION SECTION

(2020-21)

TERM - I

Supplementary Examination of B.A./B.Com repeater students	06/09/20 to 14/09/20
Internal Assessment Examination of F.Y./S.Y./T.Y. B.Sc./B.C.A./B.B.A./B.C.S./Wine tech. regular students	23/09/20 to 30/09/20
Preparation and distribution of Hall-Tickets of University Examination to be held in Oct./Nov. 2019 of F.Y. B.Sc./B.C.A./B.B.A./B.C.S./Wine tech. regular students	21/09/20 to 29/09/20
Online receipt of Term-End exam. forms of F.Y./S.Y./T.Y. B.A./B.Com regular students	19/09/20 to 30/09/20
Distribution of Hall-Tickets of Term-End examination of F.Y./S.Y./T.Y. B.A./B.Com regular students	03/10/20 to 10/10/20
Commencement of Term End Exam. of F.Y./S.Y./T.Y. B.A./B.Com regular students	From 14/10/20 to onwards
Commencement of regular main University examination	From 03/10/20 to onwards

AGASTI ARTS, COMM. & DADASAHEB RUPWATE SCIENCE COLLEGE • EST. 1974 TAL. AKOLE DISTRICT AHEDNAGAR 422601

TERM – II

Internal Assessment Examination of F.Y./S.Y./T.Y. B.Sc./B.C.A./B.B.A./B.C.S./Wine tech. regular students	01/04/21 to 08/04/21
Commencement of regular main University examination	From 15/05/21 to onwards

College Exam. Officer,
Agasti Arts,Commerce & Dadasaheb
Rupwate Science College,Akole,
Tal.Akole, Dist.Ahmednagar

PRINCIPAL,
AGASTI ARTS, COMM.& DADASAHEB
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AKOLE TALUKA EDUCATION SOCIETY'S,

AGASTI ARTS, COMMERCE AND DADASAHEB RUPWATE SCIENCE COLLEGE,
AKOLE, TAL. AKOLE, DIST. AHMEDNAGAR

ACADEMIC CALENDER (2021-22)

The Institution follows a well designed and well-prepared academic calendar for effective implementation of the curricular and co-curricular activities. Academic calendar is prepared at the beginning of every academic year by NAAC co-coordinator with consultation with Head of the Institution, Head of the different departments, Registrar and Chairman of student council and uploaded on the college website. Time table of all activities is so designed in a manner that students take part in the maximum number of activities in order to develop their personality. The academic calendar is distributed to various departments of the college and effective implementation is carried out by proper distribution within teaching and non-teaching staff of the college.

PRINCIPAL,
AGASTI ARTS, COMM. & DADASAHEB
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साहसे श्री: प्रतिवसति|

Akole Taluka Education Society's,

Agasti Arts, Commerce And Dadasaheb Rupwate Science College, Akole

Tal. Akole, Dist. Ahmednagar

ACADEMIC CALENDER OF EXAMINATION SECTION

(2021-22)

TERM - I

Supplementary Examination of B.A./B.Com repeater students	06/09/21 to 14/09/21
Internal Assessment Examination of F.Y./S.Y./T.Y. B.Sc./B.C.A./B.B.A./B.C.S./Wine tech. regular students	23/09/21 to 30/09/21
Preparation and distribution of Hall-Tickets of University Examination to be held in Oct./Nov. 2019 of F.Y. B.Sc./B.C.A./B.B.A./B.C.S./Wine tech. regular students	21/09/21 to 29/09/21
Online receipt of Term-End exam. forms of F.Y./S.Y./T.Y. B.A./B.Com regular students	20/09/21 to 30/09/21
Distribution of Hall-Tickets of Term-End examination of F.Y./S.Y./T.Y. B.A./B.Com regular students	04/10/21 to 09/10/21
Commencement of Term End Exam. of F.Y./S.Y./T.Y. B.A./B.Com regular students	From 18/10/21 to onwards
Commencement of regular main University examination	From 04/10/21 to onwards

TERM – II

Internal Assessment Examination of F.Y./S.Y./T.Y. B.Sc./B.C.A./B.B.A./B.C.S./Wine tech. regular students	23/03/22 to 30/03/22
Commencement of regular main University examination	From 25/04/22 to onwards

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AGASTI ARTS, COMMERCE AND DADASAHEB RUPWATE SCIENCE COLLEGE,
AKOLE, TAL. AKOLE, DIST. AHMEDNAGAR

ACADEMIC CALENDER (2019-20)

The Institution follows a well designed and well-prepared academic calendar for effective implementation of the curricular and co-curricular activities. Academic calendar is prepared at the beginning of every academic year by NAAC co-coordinator with consultation with Head of the Institution, Head of the different departments, Registrar and Chairman of student council and uploaded on the college website. Time table of all activities is so designed in a manner that students take part in the maximum number of activities in order to develop their personality. The academic calendar is distributed to various departments of the college and effective implementation is carried out by proper distribution within teaching and non-teaching staff of the college.

AGASTI ARTS, COMM. & DADASAHEB RUPWATE SCIENCE COLLEGE
EST. 1974
TAL. AKOLE
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422601

PRINCIPAL,
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AGASTI ARTS, COMM. & DADASAHEB RUPWATE SCIENCE COLLEGE
EST. 1974
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AHEDNAGAR
422601

साहस्रे श्रीः प्रतिपत्सति |

AGASTI ARTS, COMMERCE AND DADASAHEB RUPWATE SCIENCE COLLEGE
AKOLE, TAL. AKOLE, DIST. AHMEDNAGAR

ACADEMIC CALENDER OF EXAMINATION SECTION

(2019-20)

TERM - I

Supplementary Examination of B.A./B.Com repeater students	06/09/19 to 14/09/19
Internal Assessment Examination of F.Y./S.Y./T.Y. B.Sc./B.C.A./B.B.A./B.C.S./Wine tech. regular students	23/09/19 to 30/09/19
Preparation and distribution of Hall-Tickets of University Examination to be held in Oct./Nov. 2019 of F.Y. B.Sc./B.C.A./B.B.A./B.C.S./Wine tech. regular students	21/09/19 to 29/09/19
Online receipt of Term-End exam. forms of F.Y./S.Y./T.Y. B.A./B.Com regular students	19/09/19 to 30/09/19
Distribution of Hall-Tickets of Term-End examination of F.Y./S.Y./T.Y. B.A./B.Com regular students	03/10/19 to 10/10/19
Commencement of Term End Exam. of F.Y./S.Y./T.Y. B.A./B.Com regular students	From 14/10/19 to onwards
Commencement of regular main University examination	From 03/10/19 to onwards

AGASTI ARTS, COMM. & DADASAHEB RUPWATE SCIENCE COLLEGE • EST. 1974 TAL. AKOLE DISTRICT AHEDNAGAR 422601

TERM – II

Internal Assessment Examination of F.Y./S.Y./T.Y. B.Sc./B.C.A./B.B.A./B.C.S./Wine tech. regular students	01/04/20 to 08/04/20
Commencement of regular main University examination	From 15/05/20 to onwards

College Exam. Officer,
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AGASTI ARTS, COMM. & DADASAHEB RUPWATE SCIENCE COLLEGE
EST.1974
TAL-AKOLE
DISTRICT
AHMEDNAGAR
422 601
AKOLE

Internal Exam Timetable Oct-2022

Class:-FYBBA

Date	Day	Time	Sub-Code	Subject Name
17-10-2022	Monday	9.00 AM to 10.00AM	101	Principle of Management
		10.00 AM to 11.00AM	102	Business Communication Skill
18-10-2022	Tuesday	9.00 AM to 10.00AM	103	Business Accounting
		10.00 AM to 11.00AM	104	Business Economics-Micro
19-10-2022	Wednesday	9.00 AM to 10.00AM	105	Business Mathematics
		10.00 AM to 11.00AM	106	Business Demography

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DISTRICT
AHMEDNAGAR
422 601
AKOLE

Internal Exam Timetable Oct-2022

Class:-FYBSc.(C.S.)

Date	Day	Time	Sub-Code	Subject Name
17-10-2022	Monday	9.00 AM to 09.30AM	CS-111	Problem Solving Using 'C'
		09.30 AM to 10.00AM	CS-112	Database Management System
18-10-2022	Tuesday	9.00 AM to 09.30AM	MTC-111	Matrix Algebra
		09.30 AM to 10.00AM	MTC-112	Discrete Mathematics
19-10-2022	Wednesday	9.00 AM to 09.30AM	ELC-111	Semi Cond Dev & Basic Ele.Sys
		09.30 AM to 10.00AM	ELC-112	Principles of Digital Electronics
20-10-2022	Thursday	9.00 AM to 09.30AM	CSST-111	Descriptive Statistics-I
		09.30 AM to 10.00AM	CSST-112	Mathematical Statistics

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EST. 1974
TAL-AKOLE
DISTRICT
AHMEDNAGAR
422 601
AKOLE

Internal Exam Timetable Oct-2022

Class:-FYBBA(C.A.)

Date	Day	Time	Sub-Code	Subject Name
17-10-2022	Monday	9.00 AM to 10.00AM	CA-101	Business Communication
		10.00 AM to 11.00AM	CA-102	Principle of Management
18-10-2022	Tuesday	9.00 AM to 10.00AM	CA-103	C' Language
		10.00 AM to 11.00AM	CA-104	Database Management System
19-10-2022	Wednesday	9.00 AM to 10.00AM	CA-105	Statistics

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BBA Internal Exam Timetable Oct / Nov - 2022

Date & Date	Time	FYBBA (Sem I)	SYBBA (Sem III)	TYBBA (Sem IV)
01-11-2022 Tuesday	9.30 AM to 10.30 AM	101 Principle of Management	301 Principle of Human Resource Management	501 Research Methodology
	10.45 AM to 11.45 AM	102 Business Communication Skill	302 Supply Chain Management	502 Database Administration & Data Mining
02-11-2022 Wednesday	9.30 AM to 10.30 AM	103 Business Accounting	303 Global Competencies & Personality Development	503 Business Ethics
	10.45 AM to 11.45 AM	104 Business Economics-Micro	304 Fundamentals of Rural Development	504 Management of Corporate Social Responsibility
03-11-2022 Thursday	9.30 AM to 10.30 AM	105 Business Mathematics	A 305 Consumer Behaviour & Sales Management	A 505 Marketing Environment Analysis & Strategies
			B 305 Management Accounting	B 505 Analysis of financial Statements
	10.45 AM to 11.45 AM	106 Business Demography	A 306 Retail Management	A 506 Legal Aspects in Marketing Management
			B 306 Banking & Finance	B 506 Legal Aspects in Financial Management

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BBA(C.A) Internal Exam Timetable Oct / Nov -2022

Date	Time	FYBBA(C.A.) /SEM-I	SYBBA(C.A.) /SEM-III	TYBBA(C.A.) /SEM-V
01-11-2022 Tuesday	9.30 AM to 10.30 AM	CA-101 Business Communication	CA-301 Digital Marketing	CA-501 Cyber Security
	10.45 AM to 11.45 AM	CA-102 Principle of Management	CA-302 Data Structure	CA-502 OOSE
02-11-2022 Wednesday	9.30 AM to 10.30 AM	CA-103 'C' Language	CA-303 Software Engineering	CA-503 Core Java
	10.45 AM to 11.45 AM	CA-104 Database Management System	CA-304 PHP	CA-504 Python
03-11-2022 Thursday	9.30 AM to 10.30 AM	CA-105 Statistics	CA-305 Big Data	

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Agasti Arts,Commerce and Dadasaheb Rupwate Science College,Akole,Dist.Ahmednagar.

TIME TABLE

Internal EXAM., Feb.2020 (Senior College)

Class: FY/SYBSc/TYBSc Computer Science Sem. I/IIIrd Exam.

Time	Day/Date	FYBSc (Comp.Sci)	SYBSc(Comp.Sci.)	TYBSc(Comp.Sci.)
09.00 am to 09.30 am	04.02.2020 Tuesday	Adv.'C'Programming	Mathematics : Paper I: Computational Geometry	Comp.Sci.P-I SYSPRO 341
09.30 am to 10.00 am		RDMS	Mathematics : Paper II: Operations Research	Comp.Sci.P-II-TCS 342
09.00 am to 09.30 am	05.02.2020 Wensday	Instrumentataion systems	Electronics Paper I: Arch.Interfacing and Programming	Comp.Sci.P-III-Comp.Networks 343
09.30 am to 10.00 am		Basics of Comp.Organization	Electronics Paper II: Communication Principles	Comp.Sci.P-PHP 344
09.00 am to 09.30 am	06.02.2020 Thursday	Linear Algebra	Computer Science:Paper I: Object Oriented Concepts Using C++	Comp.Sci.P-V-Java-II 345
09.30 am to 10.00 am		Graph Theory	Computer Science:Paper II:Software Engineering	Comp.Sci.P-VI-Computer Graphics 346
09.00 am to 09.30 am	07.02.2020 Friday	Methods of Applied Stat.	English	--
09.30 am to 10.00 am		Continuous Probability Distributions & Testing Hypotheses		
10.30 am to 12.30 pm	09.02.2020 Sun.	.....	Eniv.Awarness	.....

Place:Akole
Date :07-01-2020

(Dr.K.S.Jadhav)
(C.E.O.)

(Dr.Bhaskar Shelke)
PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE

Akole Taluka Education Society's,
Agasti Arts,Commerce and Dadasaheb Rupwate Science College,Akole,Dist.Ahmednagar.

TIME TABLE

Internal EXAM., Feb.2020 (Senior College)
Class: FY/SY/TYBCA

Time	Day/Date	FYBCA Sem.II	SYBCA Sem.IV	TYBCA Sem.VI
09.00 am to 10.00 am	04.02.2020 Tuesday	201:OB & HRM	401:Object Oriented Programming Using C++	601:Advanced Web Technologies
10.00 am to 11.00 am		202:Financial Accounting	402:Programming In Visual Basic	602:Advanced Java
09.00 am to 10.00 am	05.02.2020 Wensday	203:Busi.Math.	403:Computer Networking	603:Recent Trends In IT
10.00 am to 11.00 am		204:RDBMS	404:Enterprise Resource Planning and Management	604:Software Testing
09.00 am to 10.00 am	06.02.2020 Thursday	205:Web.Tech.	405:Human Resource Management	--

....

Place:Akole
Date :07-01-2020

(Dr.K.S.Jadhav)
(C.E.O.)

(Dr.Bhaskar Shelke)
PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE

Akole Taluka Education Society's,
Agasti Arts,Commerce and Dadasaheb Rupwate Science College,Akole,Dist.Ahmednagar.

TIME TABLE

Internal EXAM., Feb.2020. (Senior College)

Class: FY/SY/TYBBA

Time	Day/Date	FYBBA Sem.II	SYBBA Sem.IV	TYBBA Sem.VI
09.00 am to 10.00 am	04.02.2020 Tuesday	(201) Busi.Org.System	(401) Production & Operations Management	(601) Business Planning & Project Management
10.00 am to 11.00 am		(202) Principles Of Marketing	(402) Industrial Relations & Labour Laws	(602) Event Management
09.00 am to 10.00 am	05.02.2020 Wensday	(203) Principles Of Finance	(403) Business Taxation	(603) Management Control System
10.00 am to 11.00 am		(204) Basics Of Cost Accounting	(404) International Business	(604) E-Commerce
09.00 am to 10.00 am	06.02.2020 Thursday	(205) Business Statistics	(405) Management Information System	A) Financial Services
10.00 am to 11.00 am		(206) Com.Fandamentel		B) Advertising & Sales Promotion C) Labour Laws

Place:Akole
Date :07-01-2020

(Dr.K.S.Jadhav)
(C.E.O.)

(Dr.Bhaskar Shelke)
PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
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Akole Taluka Education Society's,

Agasti Arts,Commerce and Dadasaheb Rupwate Science College,Akole,Dist.Ahmednagar.

TIME TABLE

Internal EXAM., Feb.2020 (Senior College)

Class: FY/SYBSc/TYBSc Computer Science Sem. I/IIIrd Exam.

Time	Day/Date	FYBSc (Comp.Sci)	SYBSc(Comp.Sci.)	TYBSc(Comp.Sci.)
09.00 am to 09.30 am	04.02.2020 Tuesday	Liner Algebra	Mathematics : Paper I: Computational Geometry	Comp.Sci.P-I SYSPRO
09.30 am to 10.00 am		Graph Theory	Mathematics : Paper II: Operations Research	Comp.Sci.P-II-TCS
09.00 am to 09.30 am	05.02.2020 Wensday	Insmiment system	Electronics Paper I: Arch.Interfacing and Programming	Comp.Sci.P-III-Comp.Networks
09.30 am to 10.00 am		Basic Comp.	Electronics Paper II: Communication Principles	Comp.Sci.P-PHP
09.00 am to 09.30 am	06.02.2020 Thursday	Adv.Programing	Computer Science:Paper I: Object Oriented Concepts Using C++	Comp.Sci.P-V-Java-II
09.30 am to 10.00 am		RDBMS	Computer Science:Paper II:Software Engineering	Comp.Sci.P-VI-Computer Graphics
09.00 am to 09.30 am	07.02.2020 Friday	Method of applied Stat.	English	--
09.30 am to 10.00 am		Conineow Probability Dismbution & Testing		
10.30 am to 12.30 pm	09.02.2020 Sun.	.....	Eniv.Awarness	.....

Place:Akole
Date :26-12-2019

(Dr.K.S.Jadhav)
(C.E.O.)

(Dr.Bhaskar Shelke)
PRINCIPAL
AGASTI ARTS, COMM. & DADASAHE
RUPWATE SCIENCE COLLEGE, AKOL

A le Taluka Education Society's,

Agasti Arts, Commerce & Dadasaheb Rupwate Science College, Akole

Ta.- Akole, Dist.- Ahmednagar 422 601

Internal Examination October 2022

Academic Year: 2022-23 Semester- I Term- I

Class: F. Y. B. Sc.

Sr. No.	Date	Time	Name of the Subject
1	17/10/2022	09:30 am to 10:00 am	CH-101 : Physical Chemistry
		10:00 am to 10:30 am	CH-102 : Organic Chemistry
2	18/10/2022	09:30 am to 10: 00 am	BO- 111 : Plant life and utilization- I
		10:00 am to 10:30 am	BO- 112 : Plant morphology and Anatomy
3	19/10/2022	09:30 am to 10: 00 am	PHY- 111 : Mechanics & Properties of Matter
		10:00 am to 10:30 am	PHY- 112 : Physics Principles & Applications
4	20/10/2022	09:30 am to 10: 00 am	MT- 111 : Algebra / ZO- 111 : Animal Diversity- I
		10:00 am to 10:30 am	MT- 112 Calculus- I / ZO- 112 : Animal Ecology

Date: 29/09/2022

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RUPWATE SCIENCE COLLEGE, AKOLE

Akole Taluka Education Society's, Agasti Arts,Commerce & Dadasaheb Rupwate Science College,Akole,Dist.Ahmednagar.

Time- Table **TERM END EXAMINATION, 2018.** **Time : 9-00 to 11-00 a.m.**

S.N.	Date & Day	FYBA	SYBA	TYBA	FYBCom	SYBCom	TYBCom
1	23/11/2018 Friday	Def.Studies G-1	Politics G-2	Com.English	--		--
2	24/11/2018 Saturday	Geography G-1	Com.English	Philosophy G-3		--	--
3	25/11/2018 Sunday	Com.English	Def.Stud.G-2	All Spl.(S-4)	--	--	--
4	26/11/2018 Monday	Logic G-1	All Spl.(S-1)	Economics G-3	--	--	--
5	27/11/2018 Tuesday	Economics G-1	All Spl.(S-2)	Marathi G-3	--	--	--
6	28/11/2018 Wednesday	Philosophy G-1	English G-2	Geography G-3	Financial Accounting	Busi.Comm.	M.Law
7	29/11/2018 Thursday	Politics G-1	Economics G-2	Politics G-3	Mar/Hindi	Cost/BA/B.E.E.I	Economics
8	30/11/2018 Friday	Marathi G-1	Philosophy G-2	English G-3	Busi.Envir. & Entr.	--	Aud.& Taxation
9	01/12/2018 Saturday	Hindi G-1	Marathi G-2	Def.Stud.G-3	Banking & Fin./ Org. Behaviour.	Corp.A/C	Cost/B.A./B.E.E-III
10	02/12/2018 Sunday	--	Hindi G-2	All Spl.(S-3)	Com.English	Busi. Eco.	Adv.A/C
11	03/12/2018 Monday	History G.1	Geography G-2	History G-3	--	Cor. Law	Cost/B.A./B.E.E.-II
12	04/12/2018 Tuesday	Opt.English G-1	History G-2	Hindi G-3	Computer concept Application	Busi.Mgnt.	--
13	05/12/2018 Wednesday	--	Logic G.2	Logic G.3	Busi.Eco.(Micro)	--	--

N.B. :- 1)Students should remain present 15 minutes before the commencement of the Examination.

2) Students should bring their examination Hall Ticket and Identity Card.

Place: Akole

Date: 16/10/2018

(Dr. S.G.Wawale)
College Exam. Officer

(Dr. Bhaskar Shelke)
PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE
TAL.AKOLE, DIST.A.NAGAR - 422 601

AGASTI ARTS, COMM. & DADASAHEB RUPWATE SCIENCE COLLEGE EST.1974 TAL-AKOLE DISTRICT AHMEDNAGAR 422 601 AKOLE

Akole Taluka Education Society's,
Agasti Arts,Commerce and Dadasaheb Rupwate Science College,Akole,Dist.Ahmednagar.

Time- Table Internal EXAM., Nov. 2018. (Senior College)

Class: FYBSc(Comp.Sci.)/FYBSc (Wine Tech.)/FYBSc

Time	Day/Date	FYBSc	FYBSc(Wine Tech.)	FYBSc(Comp.Sci.)
09.00 to 09.30AM	23/11/2018	Botany P-I	WT 101-Microbiology P-I	Stastics Paper-I-Stastical Methods -I
09.45 to 10.15 AM	Friday	Botany P-II	WT 102-Microbiology P-II	Stastics Paper-II-Stastical Methods -II
09.00 to 09.30AM	24/11/2018	Chemistry-I	WT 104-Botany P-I	Electronics P-I Principles of Analog Electronics
09.45 to 10.15 AM	Saturday	Chemistry-II	WT 105-Botany P-II	Electronics P-II -Principles of Digital Electronics
09.00 to 09.30AM	25/11/2018	Physics P-I	WT 107-Biochemistry P-I	Computer Science Paper-I C Programming
09.45 to 10.15 AM	Sunday	Physics P-II	WT 108-Biochemistry P-II	Computer Science Paper-II File Organization and Fundamental of Databases
09.00 to 09.30AM	26/11/2018	Mathematics P-I/Zoology P-I	WT 110-Wine Technology P-I	Mathematics Paper-I Discrete Mathematics
09.45 to 10.15 AM	Monday	Mathematics P-II/Zoology P-II	WT 110-Wine Technology P-II	Mathematics Paper-II Algebra and Calculus

Place:Akole
Date : 16-10 -2018

AGASTI ARTS, COMM. & DADASAHEB RUPWATE SCIENCE COLLEGE EST.1974 TAL-AKOLE DISTRICT AHMEDNAGAR 422 601 AKOLE

(Dr.S.G.Wawale)
College Exam.Officer

(Dr.Bhaskar Shelke)
PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE
TAL.AKOLE, DIST.AHMEDNAGAR - 422 6

Akole Taluka Education Society's,

Agasti Arts,Commerce and Dadasaheb Rupwate Science College Akole,Akole Dist.Ahmednagar.

Time- Table Internal EXAM.,Feb.2019. (Senior College)

Class: F.Y./S.Y./TYBCA

Time	Day and Date	FYBCA Sem.II	SYBCA Sem.IV	TYBCA Sem.VI
9 AM to 10 AM	11/02/2019	201:Procedure Oriented Programming Using C	401:Object Oriented Programming Using C++	601:Advanced Web Technologies
10.15 AM to 11.15 AM	Monday	202:Database Management System	402:Programming In Visual Basic	602:Advanced Java
9 AM to 10 AM	12/02/2019	203:Organizational Behavior	403:Computer Networking	603:Recent Trends In IT
10.15 AM to 11.15 AM	Tuesday	204:Computer Applications In Statistics	404:Enterprise Resource Planning and Management	604:Software Testing
9 AM to 10 AM	13/02/2019 Wednesday	205:E-Commerce Concepts	405:Human Resource Management	--

Place:Akole
Date :30/01/2019

(Dr.S.G.Wawale)
College Exam.Officer

(Dr.Bhaskar Shelke)
PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE
TAL.AKOLE, DIST. A.NAGAR - 422 601

Akole Taluka Education Society's,

Agasti Arts,Commerce and Dadasaheb Rupwate Science College,Akole,Dist.Ahmednagar.

Internal EXAM.Feb. 2019. (Senior College)

Class:FYBSc/FYBSc(Wine.Tech.) SYBSc/SYBSc(Wine Tech.)/ TYBSc/TYBSc(Wine Tech.) Sem. II/IVth Exam.

Time	Day/Date	FYBSc	FYBSc (Wine.Tech.)	SYBSc SEM-I	TYBSc	SYBSc(Wine	TYBSc(Wine
9.00am to 09.30 am	14/02/2019 Thursday	Botany P-I	WT 101-Micro P-I	Maths.I/Bot.I	Phy-I Chem.I Bot.I	WT-221	WT-342
09.45 am to 10.15 am		Botany P-II	WT 102-Micro P-II	Maths.II/Bot.II	Phy-II Chem.II Bot.II	wt-222	WT-343
9.00am to 09.30 am	15/02/2019 Friday	Chemistry-I	WT 104-Botany P-I	Phy.I/Zool.I	Phy-III Chem.III Bot.III	WT-223	WT-344
09.45 am to 10.15 am		Chemistry-II	WT 105-Botany P-II	Phy.II/Zool.II	Phy-IV Chem.IV Bot.IV	WT-224	WT-345
9.00am to 09.30 am	16/02/2019 Saturday	Physics P-I	WT 107-Biochem P-I	Chem.I	Phy-V Chem.V Bot.V	WT-225	
09.45 am to 10.15 am		Physics P-II	WT 108-BiochemP-II	Chem.II	Phy-VI Chem.VI Bot.VI	WT-226	--
9.00am to 09.30 am 09.45 am to 10.15 am	17/02/209 Sunday	Maths P-I/Zoo. P-I Maths P-II/Zoo. P-II	WT 110-Wine Tech P-I WT 111-Wine Tech P-II			WT-217	
10 am to 12 am	17/02/2019			Environmental		Environmental	

Place:Akole
Date :30/01/2019

(Dr.S.G.Wawale)
College Exam.Officer

(Dr.Bhaskar Shelke)
PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE
TAL.AKOLE, DIST. A.NAGAR - 422 601

Akole Taluka Education Society's,

Agasti Arts,Commerce and Dadasaheb Rupwate Science College Akole,Akole Dist.Ahmednagar.

Time- Table Internal EXAM.,Feb.2019. (Senior College)

Class: F.Y./S.Y./TYBBA

Time	Day and Date	FYBBA Sem.II	SYBBA Sem.IV	TYBBA Sem.VI
9 AM to 10 AM	11/02/2019	(201) Principles Of Management	(401) Production & Operations Management	(601) Business Planning & Project Management
10.15 AM to 11.15 AM	Monday	(202) Principles Of Marketing	(402) Industrial Relations & Labour Laws	(602) Event Management
9 AM to 10 AM	12/02/2019	(203) Principles Of Finance	(403) Business Taxation	(603) Management Control System
10.15 AM to 11.15 AM	Tuesday	(204) Basics Of Cost Accounting	(404) International Business	(604) E-Commerce
9 AM to 10 AM	13/02/2019	(205) Business Statistics	(405) Management Information System	A) Financial Services
10.15 AM to 11.15 AM	Wednesday	(206) Business Informatics		B) Advertising & Sales Promotion C) Labour Laws

Place:Akole
Date :30/01/2019

(Dr.S.G.Wawale)
College Exam.Officer

(Dr.Bhaskar Shelke)
PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE
TAL.AKOLE, DIST. A.NAGAR - 422 601

Akole Taluka Education Society's,

Agasti Arts,Commerce and Dadasaheb Rupwate Science College Akole,Akole Dist.Ahmednagar.

Time- Table Internal EXAM.,Feb.2019. (Senior College)

Class: F.Y./S.Y./TYBSc.(Comp.Science)

Time	Day/Date	FYBSc (Comp.Sci)	SYBSc(Comp.Sci.)	TYBSc(Comp.Sci.)
9 AM to 9.30 AM	11/02/2019	Mathematics : Paper I: Discrete Mathematics	Mathematics : Paper I: Computational Geometry	Comp.Sci.P-I SYSPRO
9.45 AM to 10.15 AM	Monday	Mathematics : Paper II: Algebra and Calculus	Mathematics : Paper II: Operations Research	Comp.Sci.P-II-TCS
9 AM to 9.30 AM	12/02/2019	Electronics Paper I: Analog Electronics	Electronics Paper I: Arch.Interfacing and Programming	Comp.Sci.P-III-Comp.Networks
9.45 AM to 10.15 AM	Tuesday	Electronics Paper II: Principles of Digital Electronics	Electronics Paper II: Communication Principles	Comp.Sci.P-PHP
9 AM to 9.30 AM	13/02/2019	Computer Science:Paper I: Problem Solving Using Computer and C Programming C	Computer Science:Paper I: Object Oriented Concepts Using C++	Comp.Sci.P-V-Java-II
9.45 AM to 10.15 AM	Wednesday	Computer Science:Paper II:File Organisation and Fundamentals of Database	Computer Science:Paper II:Software Engineering	Comp.Sci.P-VI-Computer Graphics
9 AM to 9.30 AM	14/02/2019	Statistics Paper-I:Statistical Methods -I	English	--
9.45 AM to 10.15 AM	Thursday	Statistics Paper-II:Statistical Methods -II		
10.00 AM to 12AM	17/02/2019 Sunday		Environmental Awareness	

Place:Akole
Date :30/01/2019

AGASTI ARTS, COMM. & DADASAHEB EST.1974 TAL-AKOLE DISTRICT AHMEDNAGAR 422 601 AKOLE

(Dr.S.G.Wawale)
College Exam.Officer

(Dr.Bhaskar Shelke)
PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE
TAL.AKOLE, DIST.A.NAGAR - 422 601

Akole Taluka Education Society's,
Agasti Arts,Commerce and Dadasaheb Rupwate Science College,Akole,Dist.Ahmednagar.

TIME TABLE

Internal EXAM., September 2018. (Senior College)

Class: SYBSc/SYBSc(Wine Tech.)/ TYBSc/TYBSc(Wine Tech.) Sem. I/IIIrd Exam.

Time	Day/Date	SYBSc SEM-I	TYBSc SEM-III	SYBSc(Wine Tech) SEM-I	TYBSc(Wine Tech.) SEM-III
9.30 am to 10.00 am	25/09/2018 Tuesday	Maths.I/Bot.I	Phy-I(331) Chem.I(331) Bot.I(331)	WT-211	WT-332
10.15 am to 10.45 am		Maths.II/Bot.II	Phy-II(332) Chem.II(332) Bot.I(332)	WT-212	WT-333
9.30 am to 10.00 am	26/09/2018 Wednesday	Phy.I/Zool.I	Phy-III(333) Chem-III(333) Bot.III(333)	WT-213	WT-334
10.15 am to 10.45 am		Phy.II/Zool.II	Phy.IV(334) Chem.IV(334) Bot.IV(334)	WT-214	WT-335
9.30 am to 10.00 am	27/09/2018 Thursday	Chem.I	Phy.V(335) Chem.V(335) Bot.V(335)	WT-215	WT-336
10.15 am to 10.45 am		Chem.II	Phy.VI(336) Chem.VI(336) Bot.VI(336)	WT-216	--
9.30 am to 10.00 am	28/09/2018 Friday		--	WT-217 (English)	--

Place:Akole
Date :10-09-2018

(Dr.Bhaskar Shelke)
PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE
TAL.AKOLE, DIST.A.NAGAR - 422 60[illegible]

Akole Taluka Education Society's,
Agasti Arts,Commerce and Dadasaheb Rupwate Science College,Akole,Dist.Ahmednagar.

TIME TABLE

Internal EXAM., September 2018. (Senior College)

Class: SYBSc/TYBSc Computer Science Sem. I/IIIrd Exam.

Time	Day/Date	SYBSc (Comp.Sci) SEM-I	TYBSc(Comp.Sci.) SEM-III
9.30 am to 10.00 am	25/09/2018 Tuesday	Mathematics : Paper I: APPLIED ALGEBRA(21221)	Comp.Sci.P-I(CS-331)SYSPRO(31121)
10.15 am to 10.45 am		Mathematics : Paper II: NUMERICAL TECHNIQUES(21222)	Comp.Sci.P-II(CS-332)TCS(31122)
9.30 am to 10.00 am	26/09/2018 Wednesday	Electronics Paper I: DIGITAL HARDWARE SYSTEM(21321)	Comp.Sci.P-III(CS-333)Comp.Networks-I(31123)
10.15 am to 10.45 am		Electronics Paper II: ANALOG SYSTEM(21322)	Comp.Sci.P-IV(CS-334:PHP(31124)
9.30 am to 10.00 am	27/09/2018 Thursday	Computer Science:Paper I: DATA STRUCTURE USING C(21121)	Comp.Sci.P-V(CS-335)Java-I(31125)
10.15 am to 10.45 am		Computer Science:Paper II: RDBMS(21122)	Comp.Sci.P-VI(CS-336)OOSE(31126)
9.30 am to 10.00 am	28/09/2018 Friday	ENGLISH(21521)	--

Place:Akole
Date :10-09-2018

EST.1974 TAL-AKOLE DISTRICT AHMEDNAGAR 422 601

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AGASTI ARTS, COMM. & DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE
TAL.AKOLE, DIST. A'NAGAR - 422 601

Akole Taluka Education Society's,
Agasti Arts,Commerce and Dadasaheb Rupwate Science College,Akole,Dist.Ahmednagar.

TIME TABLE

Internal EXAM., September 2018. (Senior College)

Class: FY/SY/TYBCA

Time	Day/Date	FYBCA Sem.I	SYBCA Sem.III	TYBCA Sem.V
9.30 am to 10.30 am	25/09/2018 Tuesday	Modern Operating Environment (101)	RDBMS(301)	Java Programming (501)
10.30 am to 11.30 am		Financial Accounting (102)	Data Structures using C(302)	Web Technologies (502)
9.30 am to 10.30 am	26/09/2018 Wednesday	Prog Principal & Algorithms(103)	Operating System Concepts(303)	Dot Net Programming (503)
10.30 am to 11.30 am		Business Communication(104)	Business Mathematics (304)	Object Oriented Software Engg.(504)
9.30 am to 10.30 am	27/09/2018 Thursday	Principles of Management(105)	Software Engineering(305)	--

Place:Akole
Date :10-09-2018

EST.1974 TAL-AKOLE DISTRICT AHMEDNAGAR 422 601

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AGASTI ARTS, COMM. & DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE
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Akole Taluka Education Society's,
Agasti Arts,Commerce and Dadasaheb Rupwate Science College,Akole,Dist.Ahmednagar.

TIME TABLE

Internal EXAM., September 2018. (Senior College)

Class: FY/SY/TYBBA

Time	Day/Date	FYBBA Sem.I	SYBBA Sem.III	TYBBA Sem.V
9.30 am to 10.30 am	25/09/2018 Tuesday	Busi.Organisation & System (101)	Personality Development(301)	Supply chain & Log.Mangt (531)
10.30 am to 11.30 am		Busi.Communication Skills (102)	Business Ethics(302)	Entrepreurship Development(532)
9.30 am to 10.30 am	26/09/2018 Wednesday	Busi.Accounting(103)	H.R.Mangt & Org.Behaviour(303)	Busi.Law (533)
10.30 am to 11.30 am		Business Economics(104)	Management Accounting (304)	Resarch Methodology.(534)
9.30 am to 10.30 am	27/09/2018 Thursday	Busi.Mathematics(105)	Busi.Eco.(Macro)305)	Specialisation -I A)Marking Management B)Finance Management C)Human Resource Mgt.
10.30 am to 11.30 am		Busi.Demography & Envi.studies(106)	I.T. in Management(306)	Specialisation -II A)Marking Management B)Finance.Management C)Human Resource Mgt.

Place:Akole
Date :10-09-2018

(Dr.Bhaskar Shelke)
PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE
TAL.AKOLE DIST.AHMEDNAGAR - 422 60

साहसे श्री प्रतिवसति !

Akole Taluka Education Society's,

Agasti Arts ,Com.&Dadasaheb Rupwate Sci. College ,Akole ,Dist.A,Nagar

BA/Bcom Supplimentry Exam.Sept.2018 Time Table

		FYBA	SYBA	TYBA
DATE/DAY	TIME	Subject	Subject	Subject
12.09.2018 Wednesday	12.00 Pm To 02. 00 Pm	Marathi/Economics	Defence & Stud./Geog. G-2	Com.English
14.09.2018 Friday	12.00 Pm To 02. 00 Pm	Hindi/History	Com.English	Mar./Hin./Eng./ Poli./Eco./Geog. S 3
15.09.2018 Saturday	12.00 Pm To 02. 00 Pm	Geography/Philosophy	Politics/Economics G-2	Mar./Hin./Eng. / Poli./Eco. S 4
17.09.2018 Monday	12.00 Pm To 02. 00 Pm	Politics	Mar./Hin./Eng./ Poli./Eco./Geog. S 1	.....
18.09.2018 Tuesday	12.00 Pm To 02. 00 Pm	.....	Mar./Hin./Eng./ Poli./Eco. S-2	.....
19.09.2018 Wednesday	12.00 Pm To 02. 00 Pm	Com.English/Opt.English	Marathi/Hindi/History G-2	Marathi G-3

Date: 05-9-2018

(Dr.Bhaskar Shelke)

PRINCIPAL

AGASTI ARTS, COMM. & DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE

TAL. AKOLE, DIST. A.NAGAR - 422 601

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Akole Taluka Education Society's,

Agasti Arts ,Com.&Dadasaheb Rupwate Sci. College ,Akole ,Dist.A,Nagar

BA/Bcom Supplimentry Exam.Sept.2018 Time Table

		FYBCom	SYBCom	TYBCom
DATE/DAY	TIME	Subject	Subject	Subject
11.09.2018 Tuesday	12.00 Pm To 02. 00 Pm	.....	.....	Busi. Administration -II
12.09.2018 Wednesday	12.00 Pm To 02. 00 Pm	Com.English	Corp. Accounting	.....
14.09.2018 Friday	12.00 Pm To 02. 00 Pm	Busi.Environment Entr.	Busi.Mang.	Busi.Regulatory Framework
15.09.2018 Saturday	12.00 Pm To 02. 00 Pm	Financial Accounting	Busi.Communication	Adv.Accounting
17.09.2018 Monday	12.00 Pm To 02. 00 Pm	Banking & Finance	.....	Auditing & Taxation
18.09.2018 Tuesday	12.00 Pm To 02. 00 Pm	Comp.Concept & App.	.....	INT.Economics
19.09.2018 Wednesday	12.00 Pm To 02. 00 Pm	Busi .Economics	.....	Busi. Administration -III

Date: 05-9-2018

(Dr.Bhaskar Shelke)
PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE
TAL.AKOLE, DIST. A...GAR - 122 601

Akole Taluka Education Society's,

Agasti Arts, Commerce & Dadasaheb Rupwate Science College, Akole,

Tal. Akole, Dist. Ahmednagar (422 601)

Time- Table

Internal Examination Feb. 2018. (Senior College)

Class: FY/ SY / TY BSc and FY/ SY / TY (Wine Tech.) Sem. II and IV

Day/ Date	Time	FYBSc	SYBSc	TYBSc	FYBSc (Wine Tech.)	SYBSc (Wine Tech.)	TYBSc (Wine Tech.)
Wednesday 14/02/2018	09:00 to 09:30 am	Maths-I/ Zoo- I	Maths- I/ Bot-I	Physics-I Chem- I Botany- I	WT-101	WT-221	---
	09:45 to 10:15 am	Maths- II Zoo- II	Maths- II/ Bot-II	Physics-II Chem- II Botany- II	WT-102	WT-222	---
Thursday 15/02/2018	09:00 to 09:30 am	Chem- I	Phy-I/ Zoo- I	Physics-III Chem- III Botany- III	WT-104	WT-223	---
	09:45 to 10:15 am	Chem- II	Phy-II/ Zoo- II	Physics-IV Chem- IV Botany- IV	WT-105	WT-224	---
Friday 16/02/2018	09:00 to 09:30 am	Physics- I	Chem-I	Physics-V Chem- V Botany- V	WT-107	WT-225	WT-342
	09:45 to 10:15 am	Physics- II	Chem-II	Physics-VI Chem- VI Botany- VI	WT-108	WT-226	WT-343
Saturday 17/02/2018	09:00 to 09:30 am	Botany- I	English(Oral) Marathi (Oral) Hindi (Oral)	--- --- ---	WT-110	WT-227 (English)	WT-344
	09:45 to 10:15 am	Botany- II	---	---	WT-111	---	WT-345

Place: Akole

Date: 08/02/2018

(Dr. S. G. Wawale)

College Exam. Officer

(Dr. Bhaskar Shelke)

PRINCIPAL

AGASTI ARTS, COMM. & DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE

TAL. AKOLE. DIST. A.NAGAR - 422 601

Akole Taluka Education Society's,

Agasti Arts,Com. & Dadasaheb Rupwate Sci.College,Akole,Dist.Ahmednagar.

Internal EXAM., February 2018. (Senior College)

Class: FY/SY/TYBCA

Time	Day and Date	FYBCA Sem.II	SYBCA Sem.IV	TYBCA Sem.VI
9 AM to 10 AM	Thursday 15/02/2018	201: PROCEDURE ORIENTED PROGRAMMING USING C	401:- OBJECT ORIENTED PROGRAMMING USING C++	601:- ADVANCED WEB TECHNOLOGIES
10 AM to 11 AM		202:DATA BASE MANAGEMENT SYSTEM	402:- PROGRAMMING IN VISUAL BASIC	602:- ADVANCED JAVA
9 AM to 10 AM	Friday 16/02/2018	203:ORGANIZATIONAL BEHAVIOUR	403:- COMPUTER NETWORKING	603:- RECENT TRENDS IN IT
10 AM to 11 AM		204:COMPUTER APPLICATIONS IN STATISTICS	404:- ENTERPRISE RESOURCE PLANNING AND MANAGEMENT	604:- SOFTWARE TESTING
9 AM to 10 AM	Saturday 17/02/2018	205:E-COMMERCE CONCEPTS	405:- HUMAN RESOURCE MANAGEMENT	--

Place:Akole

Date :09-02-2018

(Dr.S.G.Wavale)
College Exam.Officer

(Dr Bhaskar Shelke)
PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE
TAL.AKOLE, DIST.A.NAGAR - 422 601

Akole Taluka Education Society's,

Agasti Arts,Com. & Dadasaheb Rupwate Sci.College,Akole,Dist.Ahmednagar.

Internal EXAM., February 2018. (Senior College)

Class: FY/SY/TYBSc.(Comp.Sci.)

Time	Day and Date	FYBSc (Comp.Sci)	SYBSc (Comp.Sci)	TYBSc(Comp.Sci.)
9 AM to 9-30 AM	Wednesday 14/02/2018	Mathematics :Paper I:Discrete Mathematics P I	Mathematics : Paper I: Computational Geometry	Comp.Sci.P-I SYSPRO-II
9-45 AM to 10-15 AM		Mathematics:Paper II:Algebra and Calculas P II	Mathematics : Paper II: Operations Research	Comp.Sci.P-II TCS
9 AM to 9-30 AM	Thursday 15/02/2018	Electronics :Principles of Analog Electronics P I	Electronics Paper I: Arch. Interfacing and Programming	Comp.Sci.P-III Comp.Networks-II
9-45 AM to 10-15 AM		Electronics : Principles of Digital Electronics P II	Electronics Paper II: Communication Principles	Comp.Sci.P-IV PHP
9 AM to 9-30 AM	Friday 16/02/2018	Computer Science:Problem Solving Using Computer and 'C' Programming P I	Computer Science:Paper I: Object Oriented concepts Using C++	Comp.Sci.P-V Java-II
9-45 AM to 10-15 AM		Computer Science:File Organization and Fundamental of Databases P II	Computer Science:Paper II: Software Engineering	Comp.Sci.P-VI Computer Graphics
9 AM to 9-30 AM	Saturday 17/02/2018	Statistics:Paper -I Stastical Methods -I	ENGLISH	--
9-45 AM to 10-15 AM		Statistics: Paper -II Stastical Methods -II		

Place:Akole
Date :08-02-2018

(Dr.S.C.Wawale)
College Exam.Officer

(Dr.Bhaskar Shelke)
PRINCIPAL
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RUPWATE SCIENCE COLLEGE, AKOLE
TAL.AKOLE, DIST A.NAGAR - 422 601

Akole Taluka Education Society's,

Agasti Arts,Com. & Dadasaheb Rupwate Sci.College,Akole,Dist.Ahmednagar.

Internal EXAM., February 2018. (Senior College)

Class: FY/SY/TYBBA

Time	Day and Date	FYBBA Sem.II	SYBBA Sem.IV	TYBBA Sem.VI
9 AM to 10 AM	Thursday 15/02/2018	201:- PRINCIPLES OF MANAGEMENT	401:- PRODUCTION & OPERATIONS MANAGEMENT	601:- BUSINESS PLANNING & PROJECT MANAGEMENT
10 AM to 11 AM		202:- PRINCIPLES OF MARKETING	402:- INDUSTRIAL RELATIONS & LABOUR LAWS	602:- EVENT MANAGEMENT
9 AM to 10 AM	Friday 16/02/2018	203:- PRINCIPLES OF FINANCE	403:- BUSINESS TAXATION	603:- MANAGEMENT CONTROL SYSTEM
10 AM to 11 AM		204:- BASICS OF COST ACCOUNTING	404:- INTERNATIONAL BUSINESS	604:- E-COMMERCE
9 AM to 10 AM	Saturday 17/02/2018	205:- BUSINESS STATISTICS	405:- MANAGEMENT INFORMATIC SYSTEM	605-A:- FINANCIAL SERVICES
10 AM to 11 AM		206:- BUSINESS INFORMATICS	--	605-B:- ADVERTISING & SALES PRAMOTION

Place:Akole
Date :08-02-2018

(Dr.S.G.Wawale)
College Exam.Officer

(Dr.Bhaskar Shelke)
PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE
TAL.AKOLE, DIST A.NAGAR - 422 601

Akole Taluka Education Society's,

Agasti Arts, Commerce & Dadasaheb Rupwate Science College, Akole,

Tal. Akole, Dist. Ahmednagar (422 601)

Time- Table

Internal Examination Feb. 2018. (Senior College)

Class: FY/ SY / TY BSc and FY/ SY / TY (Wine Tech.) Sem. II and IV

Day/ Date	Time	FYBSc	SYBSc	TYBSc	FYBSc (Wine Tech.)	SYBSc (Wine Tech.)	TYBSc (Wine Tech.)
Wednesday 14/02/2018	09:00 to 09:30 am	Maths-I/ Zoo- I	Maths- I/ Bot-I	Physics-I Chem- I Botany- I	WT-101	WT-221	---
	09:45 to 10:15 am	Maths- II Zoo- II	Maths- II/ Bot-II	Physics-II Chem- II Botany- II	WT-102	WT-222	---
Thursday 15/02/2018	09:00 to 09:30 am	Chem- I	Phy-I/ Zoo- I	Physics-III Chem- III Botany- III	WT-104	WT-223	---
	09:45 to 10:15 am	Chem- II	Phy-II/ Zoo- II	Physics-IV Chem- IV Botany- IV	WT-105	WT-224	---
Friday 16/02/2018	09:00 to 09:30 am	Physics- I	Chem-I	Physics-V Chem- V Botany- V	WT-107	WT-225	WT-342
	09:45 to 10:15 am	Physics- II	Chem-II	Physics-VI Chem- VI Botany- VI	WT-108	WT-226	WT-343
Saturday 17/02/2018	09:00 to 09:30 am	Botany- I	English(Oral) Marathi (Oral) Hindi (Oral)	--- --- ---	WT-110	WT-227 (English)	WT-344
	09:45 to 10:15 am	Botany- II	---	---	WT-111	---	WT-345

Place: Akole

Date: 08/02/2018

(Dr. S. G. Wawale)

College Exam. Officer

(Dr. Bhaskar Shelke)

PRINCIPAL

AGASTI ARTS, COMM. & DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE

TAL.AKOLE. DIST A.NAGAR - 422 601

Akole Taluka Education Society's,

Agasti Arts, Commerce & Dadasaheb Rupwate Science College, Akole,

Tal. Akole, Dist. Ahmednagar (422 601)

Time- Table

Internal Examination Feb. 2018. (Senior College)

Class: FY/ SY / TY BSc and FY/ SY / TY (Wine Tech.) Sem. II and IV

Day/ Date	Time	FYBSc	SYBSc	TYBSc	FYBSc (Wine Tech.)	SYBSc (Wine Tech.)	TYBSc (Wine Tech.)
Wednesday 14/02/2018	09:00 to 09:30 am	Maths-I/ Zoo- I	Maths- I/ Bot-I	Physics-I Chem- I Botany- I	WT-101	WT-221	---
	09:45 to 10:15 am	Maths- II Zoo- II	Maths- II/ Bot-II	Physics-II Chem- II Botany- II	WT-102	WT-222	---
Thursday 15/02/2018	09:00 to 09:30 am	Chem- I	Phy-I/ Zoo- I	Physics-III Chem- III Botany- III	WT-104	WT-223	---
	09:45 to 10:15 am	Chem- II	Phy-II/ Zoo- II	Physics-IV Chem- IV Botany- IV	WT-105	WT-224	---
Friday 16/02/2018	09:00 to 09:30 am	Physics- I	Chem-I	Physics-V Chem- V Botany- V	WT-107	WT-225	WT-342
	09:45 to 10:15 am	Physics- II	Chem-II	Physics-VI Chem- VI Botany- VI	WT-108	WT-226	WT-343
Saturday 17/02/2018	09:00 to 09:30 am	Botany- I	English(Oral) Marathi (Oral) Hindi (Oral)	--- --- ---	WT-110	WT-227 (English)	WT-344
	09:45 to 10:15 am	Botany- II	---	---	WT-111	---	WT-345

Place: Akole

Date: 08/02/2018

(Dr. S. G. Wawale)

College Exam. Officer

(Dr. Bhaskar Shelke)

PRINCIPAL

AGASTI ARTS, COMM. & DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE

TAL.AKOLE, DIST A.NAGAR - 422 601

Grievance Cell

Faculty – Arts

Years	Total Students For Final Year Examination	Revaluated Students	Total Students Complaints/ GrievanceS About Examination
2021-22	117	1) Talpade Yamuna Ramdas 2) Madhe Ravi Sahebrao 3) Kumkar Ashlesha Somnath 4) Kolhal Tejaswini Sanjay 5) Kuwar Shubham Ananda 6) Boradhe Vishal Lahanu 7) Salave Ajinkya Bhausaheb 8) Dighe Sakshi Sunil	100% 100% 100% 100% 100% 100% 100% 100%
2020-21	240	1) Madhe Pappu Dashrath 2) Bhor Khushal Machhindra 3) Shinde Ravindra Shivaji 4) Yewale Akaniksha Dinesh	100% 100% 100% 100%
2019-20	190	1) Pathade Pratik Bandu	100%
2018-19	178	-	-
2017-18	215	-	-

College Exam Officer

College Exam. Officer,
Agasti Arts,Commerce & Dadasaheb
Rupwate Science College,Akole,
Tal.Akole, Dist.Ahmednagar

Principal

PRINCIPAL
AGASTI ARTS, COMM. & DADASAI
RUPWATE SCIENCE COLLEGE, AK

TYBA 2019 Pattern अभ्या... Message 200 of 427

From **Agasti Arts Com.&Dada. Rupwate Sci.**

To **Examsupport, S & T Arts**

Date **15-01-2022 6:57 pm**

Dear Sir/Madam,

Talpade.pdf(~302 KB)

Please Attach a file

(Principal)

--
Akole Taluka Education Society

I.D.No.PU/AN/ASC/018/1974. HSC/1176/July 1976 Dt. 1.7.76 H.S.C.No.J-12.01.0

साहसे श्री: प्रतिवसति ।

अकोले तालुका एज्युकेशन सोसायटीचे,

अगस्ति कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अको

मु.पो.ता. अकोले, जि. अहमदनगर पिन : ४२२ ६०१ (महाराष्ट्र)

सावित्रीबाई फुले पुणे विद्यापीठ सर्वोत्कृष्ट संलग्न महाविद्यालय–२००७
नॅक मानांकन : 'अ' दर्जा

डॉ. भास्कर शेळके
प्राचार्य

M.A. M.Phil., Ph.D., D.Litt.
Mob.: 9890686521. Ph. 02424 - 2212
E-mail : shelke_bhaskar@yahoo.co

जा. क्र./एसी/निकाल / २९८ / २०२२ दिनांक १५ /०१ /२०२२

प्रति ,

मा. संचालक ,
परीक्षा व मूल्यमापन मंडळ,
सावित्रीबाई फुले पुणे विद्यापीठ
गणेशखिंड पुणे

विषय ;- परीक्षा फॉर्म भरण्यासाठी नवीन PRN.NO मिळणे बाबत ...

महोदय,

आमच्या महाविद्यालयातील विद्यार्थीनी **TALPADE YAMUNA RAMDAS** हिने TYBA 2019 Pattern अभ्यासक्रमानुसार या वर्षी प्रवेश घेतलेला आहे. परंतु ऑनलाईन परीक्षा फॉर्म भरताना PRN.NO देखील गरजेचा आहे. त्याचा पूर्वीचा PRN.NO बंद असल्याने परीक्षा फॉर्म भरता येत नाही . त्यामुळे सदर विद्यार्थ्यास नवीन PRN.NO. मिळाल्यास परीक्षा फॉर्म भरताना अडचण येणार नाही, ही विनंती.

सोबत –

१) FYBA 2013 Pattern गुणपत्रक
२) SYBA 2013 Pattern गुणपत्रक

(डॉ. भास्कर शेळके)
प्राचार्य
अगस्ति कला,वाणिज्य व दादासाहेब रुपवते
विज्ञान महाविद्यालय,अकोले,जि.अहमदनगर

अर्ज दि. 14/1/2022

प्रति,
. परिक्षा विभाग प्रमुख,
अगस्ति महाविद्यालय, अकोले,
अहमदनगर, 422601.

अर्जदार → तनपाडे यमुना रामदास. (B.A. III year).

विषय → परिक्षा फॉर्म भरताना अडचण येत असल्याने आणि PRN Number व पात्रता नंबर मिळण्या.

मा. महोदय,

मी आपल्या महाविद्यालयात 2015 साली B.A. द्वितीय वर्षात शिक्षण घेत होते. तरी पास झाल्या-नंतर माझ्या शिक्षणात सात वर्षाचा गॅप पडला आहे. या वर्षी मी B.A. तृतिय वर्षात प्रवेश घेतला असून मला परिक्षा फॉर्म भरण्यास अडचण येत आहे.

तरी आपण मला PRN Number व पात्रता नंबर मिळवुन द्यावा व माझी अडचण दूर करावी ही नम्र विनंती.

मो. 7057479803

आपली विश्वासू,
Thorat

SR. NO. 11112321

ID No: PUAN/ASC/018/1974

AKOLE TALUKA EDUCATION SOCIETY'S

AGASTI ARTS, COMMERCE AND DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE

TAL. AKOLE, DIST. AHMEDNAGAR

(AFFILIATED TO UNIVERSITY OF PUNE)

STATEMENT OF MARKS FOR EXAMINATION **First Year Bachelor of Arts**

SEAT NO **2322**

NAME **TALPADE YAMUNA RAMDAS** MOTHER **Suman**

CENTRE NO. 095 INSTITUTE / COLLEGE NO. **117**

YEAR **March 2014** COURSE NAME MARKS OBTAINED

		PP/OR	TEX	UEX	TOTAL
1017	Compulsory English		11	41	52
1027	Marathi		16	67	83
1167	Politics		17	62	79
1207	Elements of Geomorphology		15	44	59
1337	Optional English		14	51	65
1427	Introduction to Philosophy		19	63	82

GRAND TOTAL (OUT OF 600) : **420**

RESULT :FIRST CLASS WITH DISTINCTION

Principal
(Signature & Stamp)

EXAMINATION COMMITTEE

Date : **29/05/2014**

C = 7.3 & = 0.163 B = 0.1 C = 0.1 & 0.163 * = CURRENT APPEARANCE
AA - ABSENT EE - EXTERNAL FFF - FAIL IN COURCE TEX - TERM END EXAMINATION UEX - UNIVERSITY EXAMINATION PP - PRACTICAL EXAMING

SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)

GANESHKHIND, PUNE 411 007.

STATEMENT OF MARKS FOR B.A. (2013) EXAM.- APRIL 2015

SEAT NO: 25582 CENTRE 065 PERM.REG. NO 1181511631

NAME TALPADE YAMUNA RAMDAS MOTHER SUMAN

COLLEGE 0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE AKOLE,A'N

YEAR	COURSE NAME	PASSING/OUT OF PP	MARKS OBTAINED -/20 TEX.	32/80 UEX.	40/100 TOTAL
SUBJECT : OPTIONAL ENGLISH					
2 2017	COMPULSORY ENGLISH		09	36	* 45
2167	POLITICS GEN. PAPER		18	48	* 66
2337	OPTIONAL ENGLISH GEN. PAPER		09	34	* 43
2338	OPTIONAL ENGLISH SPL. PAPER I		12	45	* 57
2339	OPTIONAL ENGLISH SPL. PAPER II		08	42	* 50
2427	PHILOSOPHY GEN. PAPER		18	52	* 70
2999	A COURSE IN ENVIRONMENTAL AWARENESS		GRADE		O

GRAND TOTAL (OUT OF 600) 331

RESULT : PASSES

CONTROLLER OF EXAMINATIONS STATEMENT NO: DATE: 20 JUNE 2015

साहसे श्री: प्रतिवसति ।

अकोले तालुका एज्युकेशन सोसायटीचे,

अगस्ति कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अकोले

मु.पो.ता. अकोले, जि. अहमदनगर पिन : ४२२ ६०१ (महाराष्ट्र)

ए.आय.एस.एच.ई.कोड : C-41748

। सावित्रीबाई फुले पुणे विद्यापीठ सर्वोत्कृष्ट संलग्न महाविद्यालय–२००७

। नॅक मानांकन : 'अ' दर्जा

डॉ. भास्कर शेळके
प्राचार्य

। M.A. M.Phil., Ph.D., D.Litt.
। Mob.: 9890686521. Ph. 02424 - 221248
। E-mail : shelke_bhaskar@yahoo.com

जा. क्र./एसी/निकाल / ४५ / 2023 BY mail दिनांक -17 / 01 /2023

प्रति ,
मा. संचालक ,
परीक्षा व मूल्यमापन मंडळ,
सावित्रीबाई फुले पुणे विद्यापीठ
गणेशखिंड पुणे

विषय ;- खालील विद्यार्थ्यांचा **SYBA 2019 Pattern** निकाल Online स्वरूपात जाहीर झालेला निकाल दुरुस्त करून मिळणे बाबत ...

College Code - 117

महोदय,

आमच्या महाविद्यालयातील खालील विद्यार्थ्यांनी SYBA 2019 Pattern नुसार March/April 2022 मध्ये SEM-IV परीक्षा दिलेली असून,सदर विद्यार्थ्यांचा SEM-III एक विषय फॉर्म भरताना चुकलेला होता. त्या विद्यार्थ्यांना Hall Correction करून (23164-CC-2C AN INTRODUCTION TO POLITICAL IDEOLOGIES हा विषय हॉल टिकिट दुरुस्त करून Emergency Barcode देऊन दिलेला आहे. या विषयाचे Internal व External गुण सुद्धा विद्यापीठाला पाठविलेले आहेत. तरी सदर विद्यार्थ्यांचा निकाल दुरुस्त करून मिळावा ही विनंती.

(डॉ.भास्कर शेळके)
प्राचार्य,
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

सोबत –

1) विद्यार्थ्यांचे हॉल टिकिट.(Hall Ticket Correction)
2) विद्यापीठाला पाठविलेले गुण (Internal व External
3) Jr. Supervisor Report
4) विद्यापीठाला 14/11/2022 Mail द्वारे व प्रत्यक्ष पाठविलेले पत्र.

O/C

पुणे विद्यापीठ
परीक्षा व मूल्यमापन मंडळ
पोहोच
दि. 18/01/2022

Fwd: SYBA 2019 Patter... Message 9 of 426

From **Agasti Arts, Comm. & Dadasaheb Rup... ...ie**
To **S & T Arts**, **Exam support**
Date **03-02-2023 2:36 pm**

S.Y.B.A निकाल दुरूस्ती.pdf...

Akole Taluka Education
Society's.
Agasti Arts, Commerce and
Dadasaheb Rupwate Science
College, Akole
Tal.- Akole, Dist.-
Ahmednagar (422601)
Pun Code: CAAA016190
College Code: 117 Centre
Code: 065

-------- Original Message -----

Subject: SYBA 2019 Pattern March 2022 निकाल दुरुस्त करून मिळणे बाबत...
Date: 17-01-2023 11:46 am
From: "Agasti Arts, Comm. & Dadasaheb Rupwate Science College, Akole" <caaa016190@pun.unipune.ac.in>
To: Collegesupport <collegesupport@pun.unipune.ac.in>, S & T Arts <st-arts@pun.unipune.ac.in>

मा. सर,

सोबतच्या विद्यार्थ्यांचे निकाल दुरुस्त करून मिळावेत ही विनंती.

(प्राचार्य)

--
Akole Taluka Education Society's.
Agasti Arts, Commerce and Dadasaheb Rupwate Science College, Ako
Tal.- Akole, Dist.- Ahmednagar (422601)
Pun Code: CAAA016190
College Code: 117 Centre Code: 065

I.D.No.PU/AN/ASC/018/1974. HSC/1176/July 1976 Dt. 1.7.76 H.S.C.No.J-12.01.001

साहसे श्री: प्रतिपत्ति ।

अकोले तालुका एज्युकेशन सोसायटीचे,

अगस्ति कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अकोले

मु.पो.ता. अकोले, जि. अहमदनगर पिन : ४२२ ६०१ (महाराष्ट्र)

ए.आय.एस.एच.ई.कोड : C-41748

। सावित्रीबाई फुले पुणे विद्यापीठ सर्वोत्कृष्ट संलग्न महाविद्यालय–२००७

। नॅक मानांकन : 'अ' दर्जा

डॉ. भास्कर शेळके
प्राचार्य

। M.A. M.Phil., Ph.D., D.Litt.
। Mob.: 9890686521. Ph. 02424 - 221248
। E-mail : shelke_bhaskar@yahoo.com

जा. क्र./एसी/निकाल / 89 / 2023 By mail दिनांक -17 / 01 /2023

प्रति ,
मा. संचालक ,
परीक्षा व मूल्यमापन मंडळ,
सावित्रीबाई फुले पुणे विद्यापीठ
गणेशखिंड पुणे

विषय ;- खालील विद्यार्थ्यांचा **SYBA 2019 Pattern** निकाल Online स्वरूपात जाहीर झालेला निकाल दुरुस्त करून मिळणे बाबत ...

College Code - 117

महोदय,

आमच्या महाविद्यालयातील खालील विद्यार्थ्यांनी SYBA 2019 Pattern नुसार March/April 2022 मध्ये SEM-IV परीक्षा दिलेली असून,सदर विद्यार्थ्यांचा SEM-III एक विषय फॉर्म भरताना चुकलेला होता. त्या विद्यार्थ्यांना Hall Correction करून **(23164-CC-2C AN INTRODUCTION TO POLITICAL IDEOLOGIES** हा विषय हॉल टिकिट दुरुस्त करून Emergency Barcode देऊन दिलेला आहे. या विषयाचे Internal व External गुण सुद्धा विद्यापीठाला पाठविलेले आहेत. तरी सदर विद्यार्थ्यांचा निकाल दुरुस्त करून मिळावा ही विनंती.

(डॉ.भास्कर शेळके)
प्राचार्य,
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

सोबत –

1) विद्यार्थ्यांचे हॉल टिकिट.(Hall Ticket Correction)
2) विद्यापीठाला पाठविलेले गुण (Internal व External
3) Jr. Supervisor Report
4) विद्यापीठाला 14/11/2022 Mail द्वारे व प्रत्यक्ष पाठविलेले पत्र.

साहत श्री. प्रतिवर्षात
अकोले तालुका एज्युकेशन सोसायटीचे
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अकोले
मु.पो.ता.-अकोले, जि.-अहमदनगर, पिन - ४२२ ६०१ (महाराष्ट्र)
सावित्रीबाई फुले पुणे विद्यापीठ सर्वोत्कृष्ट संलग्न महाविद्यालय-२००७
नॅक मानांकन - 'अ' दर्जा
डॉ. भास्कर शेळके
प्राचार्य
M.A. M.Phil., Ph.D., D.Litt.
Mob.: 9890686521, Ph. 02424 - 221248
E-mail : shelke_bhaskar@yahoo.com

By mail

जा. क्र./एसी/निकाल / 66/ 2022

दिनांक ~~31/10~~/2022
14/11

प्रति ,
मा. संचालक ,
परीक्षा व मूल्यमापन मंडळ,
सावित्रीबाई फुले पुणे विद्यापीठ
गणेशखिंड पुणे

विषय ;- खालील विद्यार्थ्यांचा **SYBA 2019 Pattern** निकाल Online स्वरूपात जाहीर झालेला निकाल दुरुस्त करून मिळणे बाबत ...

College Code - 117

महोदय,

आमच्या महाविद्यालयातील खालील विद्यार्थ्यांनी SYBA 2019 Pattern नुसार (SEM- IV) परीक्षा दिलेली आहे. त्या परीक्षे बरोबरच त्यांनी SEM- III चा राहिलेला Backlog (An INTRODUCTION TO POLITICAL IDEOLOGIES (23164 –CC-2C) हा विषय हॉल टिकिट दुरुस्त करून Emergency Barcode देऊन दिलेला आहे. या विषयाचे Internal व External गुण सुद्धा विद्यापीठाला पाठविलेले आहेत. तरी सदर विद्यार्थ्यांचा निकाल दुरुस्त करून मिळावा ही विनंती.

(डॉ.भास्कर शेळके)
प्राचार्य,
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते
विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

सोबत –

1) विद्यार्थी विनंती अर्ज
2) विद्यापीठाला पाठविलेले गुण (Internal व External)
3) Jr. Supervisor Report
4) ऑनलाइन विद्यापीठाला पाठविलेला Absent रीपोर्ट
5) विद्यार्थ्यांचे हॉल टिकिट.

सावित्रीबाई फुले पुणे विद्यापीठ
संचालक कार्यालय
परीक्षा व मूल्यमापन मंडळ
पोहोच स्वाक्षरी.....
दिनांक.....14/11/2022

मा. प्राचार्य.

अगस्ती कला वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय अकोले.

अर्जदार - मधे रवि साहेबराव
विषय - मार्क्स मिळणे बाबत.

महोदय;

मी SYBA ला सेमिस्टर III ला An Introduction to Political Ideology - 23164 या विषयाचा सदर पेपर दिलेला असून Result मध्ये सदर विषय Absent दाखवत आहे. तरी ही आम्हास या विषयास मार्क्स मिळावे.

Set No - 62896

आपला विश्वासू
मधे रवि

R Madhe.

अर्ज

Page :
Date : / /

मा. प्राचार्य

अमरनी कला, वाणिज्य व छ.शा.महाविद्यालय
अंबेजोगाई जि.बीड

अर्जदार- कोल्हाळ तेजस्विनी रामेश्वर
विषय - मार्कस मिळणेबाबत

महोदय,

मी SYBA या सेमिस्टर III या
वर्गात an Introduction Political Ideology - 23164
या विषयाचा सत्र अंत परिक्षा अनुक्रमे
Result मध्ये सदर विषय Absent दाखवला
आहे तरीही आम्हाला या विषयास मार्क्स
मिळाले.

Seat No - 62917

Mo. No - 8010780082

आपली विश्वासू
कोल्हाळ तेजस्विनी

Page:
Date: / /

मा. प्राचार्य.

अहमदनगर कला वाणिज्य व दादासाहेब रूपवते विज्ञान महाविद्यालय अकोले.

अर्जदार - कुमकर आशलेषा सोमनाथ
विषय - मार्क्स मिळणे बाबत..

महोदय,

मी SYBA या सेमिस्टर III ला An Introduction to Political Ideology - 23164 या विषयाचा सदर पेपर दिलेला असून Result मध्ये सदर विषय Absent दाखवत आहे. तरी आपण या विषयास ~~मा~~ मार्क्स मिळावे.

Set NO. 62923

आपली विश्वासु
कुमकर आशलेषा.

Savitribai Phule Pune University

Examination Session 2022

Marks Inward System for Colleges

2208181121253

8/18/2022

College Name	CAAA016190 - A.T.E.SOCIETY'S ARTS,SCIENCE & COMMERCE COLLEGE
Pattern Name	11819 - BACHELOR OF ARTS 2019 Credit Pattern **Batch No** 202204131165
Subject Name	23164 - CC-2C AN INTRODUCTION TO POLITICAL IDEOLOGIES **Exam Type** INTERNAL OUT OF 30
Teacher Name	Kakad Varsha Uday (Mob. No.. 9404248074) - Internal Examiner

Total Students	Present Students	Absent Students	Not Applicable	Detained
5	3	2	0	0

Seat No	Marks/Grade
62866	(AB)
62867	(AB)
62896	29
62917	28
62923	27

Kakad

18/08/2022

(Prof. Kakad V.U.)

Stamp & Authorized Signatory

Savitribai Phule Pune University
Examination Session 2022
Marks Inward System for Colleges

220927123 0070
2209271230070

College Name	CAAA016190 - A.T.E.SOCIETY'S ARTS,SCIENCE & COMMERCE COLLEGE		
Pattern Name	11819 - BACHELOR OF ARTS 2019 Credit Pattern	Batch No	202204001870
Subject Name	23164 - CC-2C AN INTRODUCTION TO POLITICAL IDEOLOGIES	Exam Type	EXTERNAL OUT OF 70
Teacher Name	Kakad Varsha Uday (Mob. No.: 9404248074) - External Examiner		

Total Students	Present Students	Absent Students	Not Applicable	Detained
12	8	4	0	0

Seat No	Marks/Grade
62866	(AB)
62867	(AB)
62869	(AB)
62896	59
62907	51
62914	(AB)
62916	45
62917	35
62918	53
62920	53
62923	56
63027	39

Prof. Kakad V.V.
27/09/2022

Stamp & Authorized Signatory

Savitribai Phule Pune University

Examination Session 2022

Marks Inward System for Colleges

2208181116430

8/18/2022

College Name	CAAA016190 - A.T.E.SOCIETY'S ARTS,SCIENCE & COMMERCE COLLEGE
Pattern Name	11819 - BACHELOR OF ARTS 2019 Credit Pattern
Batch No	2022041311162
Subject Name	23163 - CC-1C AN INTRODUCTION TO POLITICAL SCIENCE
Exam Type	INTERNAL OUT OF 30
Teacher Name	Kakad Varsha Uday (Mob. No.: 9404248074) - Internal Examiner

Total Students	Present Students	Absent Students	Not Applicable	Detained
3	0	0	3	0

Seat No	Marks/Grade
62896	(N/A)
62917	(N/A)
62923	(N/A)

18/08/2022

(Prof. Kakad V. U.)

Stamp & Authorized Signatory

No.: 22 - 0292624

SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)

GANESHKHIND PUNE 411 007

STATEMENT OF MARKS / GRADES FOR BACHELOR OF ARTS (2019) - APRIL 2022

SEAT NO. 62917 CENTRE 65 PERM. REG. NO. : 1182042368

NAME KOLHAL TEJASWINI SANJAY MOTHER : SUNITA

COLLEGE / SCHOOL 0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE AKOLE,A'NAGAR

YEAR : APRIL 2022

SEM		COURSE NAME	<-- MARKS --> INT	UEX	TOT		CRE--DITS	GR--ADE	GP
SUBJECT : GEOGRAPHY									
3	23001	COMPULSORY ENGLISH	25	39	64	P	3	A	024
	23011	MIL-2 MARATHI BHASHIK SANDYNAPANKAUSHALYE	24	18	42	P	2	A+	018
	23163	CC-1C AN INTRODUCTION TO POLITICAL SCIENCE	AA	AA	0	*	0	Ab	000
	23202	DSE-1A GG220(A) POPULATION GEOGRAPHY -I	27	28$	55	P	3	B+	021
	23203	DSE-2A GG210(A) PRACTICAL GEOGRAPHY -I (SCALE & MAP PROJECTIONS)	-	89	89	P	4	A+	036
	23204	CC-1C GG201(A) ENVIRONMENTAL GEOGRAPHY -I	26	41	67	P	3	A	024
	23207	SEC-2A APPLIED COURSE OF DISASTER MANAGEMENT	22	12	34	P	2	A	016
	23423	CC-1C PHILOSOPHY OF INDIAN SAINTS	29	52	81	P	3	A+	027
	23999	AEC ENVIRONMENTAL SCIENCE	17	12	29	P	2	B+	014
4	24001	COMPULSORY ENGLISH	25	19	44	*	3	D	012
	24011	MIL-2 NAVMADHYAME ANI SAMAJMADHYAMANSATHI MARATHI	24	12	36	*	2	A	016
	24164	CC-2D AN INTRODUCTION TO POLITICAL IDEOLOGIES	28	31	59	*	3	B+	021
	24202	DSE-1B GG210(B) POPULATION GEOGRAPHY -II	27	46	73	*	3	A	024
	24203	DSE-2B GG220(B) PRACT.GEO.-II(CARTOGRAPHIC TECH.,SURVEYING &EXCURSION/VILLAGE	-	87	87	*	4	A+	036
	24204	CC-1D GG201(B) ENVIRONMENTAL GEOGRAPHY -II	24	40	64	*	3	A	024
	24207	SEC-2B APPLIED COURSE OF TRAVEL & TOURISM	23	20	43	*	2	A+	018
	24423	CC-1D INTRODUCTION TO APPLIED ETHICS	28	41	69	*	3	A	024
	24999	AEC ENVIRONMENTAL SCIENCE	17	17	34	*	2	A	016
					TOTAL		**47**		**371**

RESULT : FAIL A.T.K.T. $ O.1

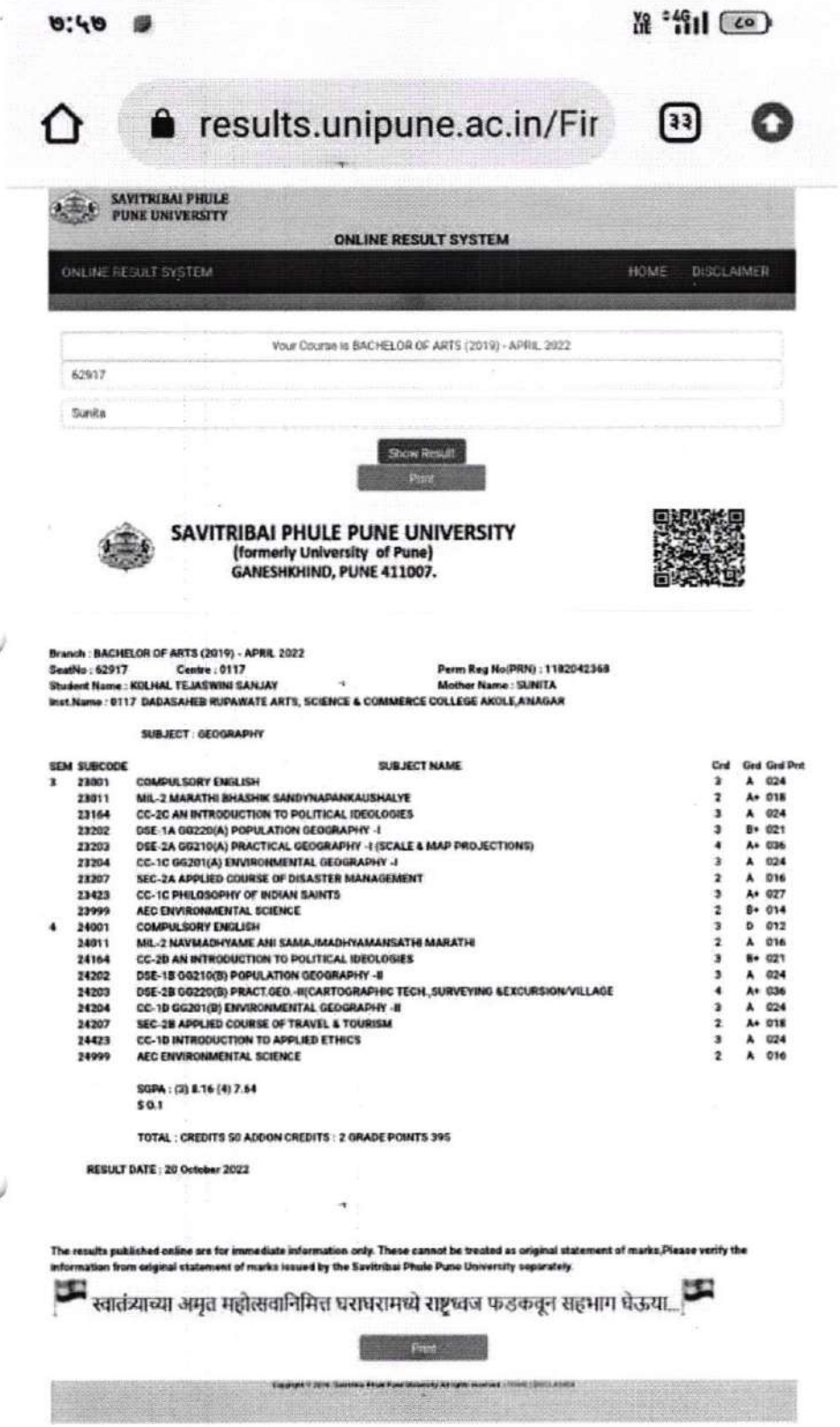
Medium of instruction : English

Director

Board of Examinations & Evaluation

ST.NO :- 21636

DATE : 20 OCT 2022



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results.unipune.ac.in/Fir

SAVITRIBAI PHULE PUNE UNIVERSITY

ONLINE RESULT SYSTEM

ONLINE RESULT SYSTEM HOME DISCLAIMER

Your Course is BACHELOR OF ARTS (2019) - APRIL 2022

62917

Sunita

Show Result

Print

SAVITRIBAI PHULE PUNE UNIVERSITY
(formerly University of Pune)
GANESHKHIND, PUNE 411007.

Branch : BACHELOR OF ARTS (2019) - APRIL 2022
SeatNo : 62917 Centre : 0117 Perm Reg No(PRN) : 1182042368
Student Name : KOLHAL TEJASWINI SANJAY Mother Name : SUNITA
Inst.Name : 0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE AKOLE,ANAGAR

SUBJECT : GEOGRAPHY

SEM	SUBCODE	SUBJECT NAME	Crd	Grd	Grd Pnt
3	23001	COMPULSORY ENGLISH	3	A	024
	23011	MIL-2 MARATHI BHASHIK SANDYNAPANKAUSHALYE	2	A+	018
	23164	CC-2C AN INTRODUCTION TO POLITICAL IDEOLOGIES	3	A	024
	23202	DSE-1A GG220(A) POPULATION GEOGRAPHY -I	3	B+	021
	23203	DSE-2A GG210(A) PRACTICAL GEOGRAPHY -I (SCALE & MAP PROJECTIONS)	4	A+	036
	23204	CC-1C GG201(A) ENVIRONMENTAL GEOGRAPHY -I	3	A	024
	23207	SEC-2A APPLIED COURSE OF DISASTER MANAGEMENT	2	A	016
	23423	CC-1C PHILOSOPHY OF INDIAN SAINTS	3	A+	027
	23999	AEC ENVIRONMENTAL SCIENCE	2	B+	014
4	24001	COMPULSORY ENGLISH	3	D	012
	24011	MIL-2 NAVMADHYAME ANI SAMAJMADHYAMANSATHI MARATHI	2	A	016
	24164	CC-2D AN INTRODUCTION TO POLITICAL IDEOLOGIES	3	B+	021
	24202	DSE-1B GG210(B) POPULATION GEOGRAPHY -II	3	A	024
	24203	DSE-2B GG220(B) PRACT.GEO.-II(CARTOGRAPHIC TECH.,SURVEYING &EXCURSION/VILLAGE	4	A+	036
	24204	CC-1D GG201(B) ENVIRONMENTAL GEOGRAPHY -II	3	A	024
	24207	SEC-2B APPLIED COURSE OF TRAVEL & TOURISM	2	A+	018
	24423	CC-1D INTRODUCTION TO APPLIED ETHICS	3	A	024
	24999	AEC ENVIRONMENTAL SCIENCE	2	A	016

SGPA : (3) 8.16 (4) 7.64
$ G.I

TOTAL : CREDITS 50 ADDON CREDITS : 2 GRADE POINTS 395

RESULT DATE : 20 October 2022

The results published online are for immediate information only. These cannot be treated as original statement of marks,Please verify the information from original statement of marks issued by the Savitribai Phule Pune University seperately

स्वातंत्र्याच्या अमृत महोत्सवानिमित्त घराघरामध्ये राष्ट्रध्वज फडकवून सहभाग घेऊया...

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इंग्रजी मराठी

SAVITRIBAI PHULE PUNE UNIVERSITY
(formerly University of Pune)
GANESHKHIND, PUNE 411007.

Branch : BACHELOR OF ARTS (2019) - APRIL 2022
SeatNo : 62917 Centre : 0117 Permi Reg No(PRN) : 1102042308
Student Name : KOLHAL TEJASWINI SANJAY Mother Name : SUNITA
Inst.Name : 0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE AKOLE,A NAGAR

SUBJECT GEOGRAPHY

SEM	SUBCODE	SUBJECT NAME	Crd	Grd	Grd Pnt
3	23001	COMPULSORY ENGLISH	3	A	024
	23011	MIL-2 MARATHI BHASHIK SANDYNAPANKAUSHALYE	2	A+	018
	23104	CC-2C AN INTRODUCTION TO POLITICAL IDEOLOGIES	3	A	024
	23202	DSE-1A GG220(A) POPULATION GEOGRAPHY -I	3	B+	021
	23203	DSE-2A GG210(A) PRACTICAL GEOGRAPHY -I (SCALE & MAP PROJECTIONS)	4	A+	036
	23204	CC-1C GG201(A) ENVIRONMENTAL GEOGRAPHY -I	3	A	024
	23207	SEC-2A APPLIED COURSE OF DISASTER MANAGEMENT	2	A	016
	23423	CC-1C PHILOSOPHY OF INDIAN SAINTS	3	A+	027
	23999	AEC ENVIRONMENTAL SCIENCE	2	B+	014
4	24001	COMPULSORY ENGLISH	3	D	012
	24011	MIL-2 NAVIMADHYAME ANI SAMAJMADHYAMANSATHI MARATHI	2	A	016
	24104	CC-2D AN INTRODUCTION TO POLITICAL IDEOLOGIES	3	B+	021
	24202	DSE-1B GG210(B) POPULATION GEOGRAPHY -II	3	A	024
	24203	DSE-2B GG220(B) PRACT.GEO.-II(CARTOGRAPHIC TECH.,SURVEYING &EXCURSION/VILLAGE	4	A+	036
	24204	CC-1D GG201(B) ENVIRONMENTAL GEOGRAPHY -II	3	A	024
	24207	SEC-2B APPLIED COURSE OF TRAVEL & TOURISM	2	A+	018
	24423	CC-1D INTRODUCTION TO APPLIED ETHICS	3	A	024
	24999	AEC ENVIRONMENTAL SCIENCE	2	A	016

SGPA : (3) 8.16 (4) 7.64
$ 0.1

TOTAL : CREDITS 50 ADDON CREDITS 2 GRADE POINTS 395

RESULT DATE : 20 October 2022

The results published online are for immediate information only. These cannot be treated as original statement of marks.Please verify the information from original statement of marks issued by the Savitribai Phule Pune University separately

स्वातंत्र्याच्या अमृत महोत्सवानिमित्त घराघरामध्ये राष्ट्रध्वज फडकवून सहभाग घेऊया...

Print

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SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)

GANESHKHIND PUNE 411 007

STATEMENT OF MARKS/GRADES FOR
BACHELOR OF ARTS (2019)

SEAT NO.: 62917 CENTRE : 065 P.R.NO.: 1182042368
NAME : KOLHAL TEJASWINI SANJAY MOTHER : SUNITA
COLLEGE : 0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE
AKOLE, A'NAGAR
YEAR : APRIL 2022

SEM.	NAME OF THE COURSE	<- MARKS -> INT	UEX	TOT		CRE-DITS	GR-ADE	GP
	SPECIAL SUBJECT : GEOGRAPHY							
3	COMPULSORY ENGLISH	25	39	64	P	03	A	24
	MIL-2 MARATHI BHASHIK SANDYNAPANKAUSHALYE	24	18	42	P	02	A+	18
	CC-2C AN INTRODUCTION TO POLITICAL IDEOLOGIES	26	35	61	*	03	A	24
	DSE-1A GG220(A) POPULATION GEOGRAPHY -I	27	28$	55	P	03	B+	21
	DSE-2A GG210(A) PRACTICAL GEOGRAPHY -I (SCALE & MAP PROJECTIONS)	-	89	89	P	04	A+	36
	CC-1C GG201(A) ENVIRONMENTAL GEOGRAPHY -I	26	41	67	P	03	A	24
	SEC-2A APPLIED COURSE OF DISASTER MANAGEMENT	22	12	34	P	02	A	16
	CC-1C PHILOSOPHY OF INDIAN SAINTS	29	52	81	P	03	A+	27
	AEC ENVIRONMENTAL SCIENCE	17	12	29	P	02	B+	14
4	COMPULSORY ENGLISH	25	19	44	*	03	D	12
	MIL-2 NAVMADHYAME ANI SAMAJMADHYAMANSATHI MARATHI	24	12	36	*	02	A	16
	CC-2D AN INTRODUCTION TO POLITICAL IDEOLOGIES	28	31	59	*	03	B+	21
	DSE-1B GG210(B) POPULATION GEOGRAPHY -II	27	46	73	*	03	A	24
	DSE-2B GG220(B) PRACT.GEO.-II(CARTOGRAPHIC TECH.,SURVEYING &EXCURSION/VILLAGE	-	87	87	*	04	A+	36
	CC-1D GG201(B) ENVIRONMENTAL GEOGRAPHY -II	24	40	64	*	03	A	24
	SEC-2B APPLIED COURSE OF TRAVEL & TOURISM	23	20	43	*	02	A+	18
	CC-1D INTRODUCTION TO APPLIED ETHICS	28	41	69	*	03	A	24
	AEC ENVIRONMENTAL SCIENCE	17	17	34	*	02	A	16
SGPA:(3) 8.16(4) 7.64				TOTAL		50		395
		ADD-ON CREDITS				2		

$ 0.1

Medium of instruction: Marathi
Date of Issue: 7 FEB 2023

DATE : 20 OCT 2022 ST.NO.: 00001

Dr. Mahesh Kakade
Director
Board of Examinations & Evaluation

NO.: 22 - 1005054

SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)

GANESHKHIND PUNE 411 007

STATEMENT OF MARKS/GRADES FOR
BACHELOR OF ARTS (2019)

SEAT NO.: 62923 CENTRE : 065 P.R.NO.: 1182042377
NAME : KUMKAR ASHLESHA SOMNATH MOTHER : RANJANA
COLLEGE : 0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE
AKOLE,A'NAGAR
YEAR : APRIL 2022

SEM.	NAME OF THE COURSE	<- MARKS -> INT	UEX	TOT	CRE- DITS		GR- ADE	GP
	SPECIAL SUBJECT : OPTIONAL ENGLISH							
3	COMPULSORY ENGLISH	26	59	85	P	03	A+	27
	MIL-2 MARATHI BHASHIK SANDYNAPANKAUSHALYE	23	18	41	P	02	A+	18
	CC-2C AN INTRODUCTION TO POLITICAL IDEOLOGIES	27	56	83	*	03	A+	27
	CC-1C HISTORY OF THE MARATHAS :(1630-1707)	27	49	76	P	03	A+	27
	DSE-1A APPRECIATING DRAMA	23	49	72	P	03	A	24
	DSE-2A APPRECIATING POETRY	25	55	80	P	03	A+	27
	SEC-1A ADVANCED STUDY OF ENGLISH LANGUAGE	24	46	70	P	03	A	24
	SEC-2A A CERTIFICATE COURSE IN SKILL DEVELOPMENT(ENGLISH)	15	20	35	P	02	A	16
	AEC ENVIRONMENTAL SCIENCE	21	18	39	P	02	A+	18
4	COMPULSORY ENGLISH	24	38	62	*	03	A	24
	MIL-2 NAVMADHYAME ANI SAMAJMADHYAMANSATHI MARATHI	24	22	46	*	02	O	20
	CC-2D AN INTRODUCTION TO POLITICAL IDEOLOGIES	28	51	79	*	03	A+	27
	CC-2D HISTORY OF THE MARATHAS :(1707-1818)	25	32	57	*	03	B+	21
	DSE-1B APPRECIATING DRAMA	25	36	61	*	03	A	24
	DSE-2B APPRECIATING POETRY	26	28	54	*	03	B	18
	SEC-1B ADVANCED STUDY OF ENGLISH LANGUAGE	24	41	65	*	03	A	24
	SEC-2B A CERTIFICATE COURSE IN SKILL DEVELOPMENT(ENGLISH)	19	19	38	*	02	A+	18
	AEC ENVIRONMENTAL SCIENCE	17	22	39	*	02	A+	18
SGPA:(3) 8.67(4) 8.08				TOTAL		48		402
				ADD-ON CREDITS		5		

&O.163
O.163 balance marks : 10

Medium of instruction: Marathi
Date of Issue: 7 FEB 2023
DATE : 20 OCT 2022 ST.NO.: 00001

Dr. Mahesh Kakade
Director
Board of Examinations & Evaluation

SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)

GANESHKHIND PUNE 411 007

STATEMENT OF MARKS/GRADES FOR
BACHELOR OF ARTS (2019)

SEAT NO.: 62896 CENTRE : 065 P.R.NO.: 1182042392
NAME : MADHE RAVI SAHEBRAO MOTHER : KAMAL
COLLEGE : 0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE
AKOLE,A'NAGAR
YEAR : APRIL 2022

SEM.	NAME OF THE COURSE	<- MARKS -> INT	UEX	TOT		CRE-DITS	GR-ADE	GP
	SPECIAL SUBJECT : ECONOMICS							
3	COMPULSORY ENGLISH	25	45	70	P	03	A	24
	MIL-2 HINDI BHASHA SHIKSHAN	18	25	43	P	02	A+	18
	DSE-1A MICRO ECONOMICS -I	28	43	71	P	03	A	24
	DSE-2A MACRO ECONOMICS -I	27	42	69	P	03	A	24
	CC-1C FINANCIAL SYSTEM -I	27	43	70	P	03	A	24
	SEC-2A BASIC CONCEPT OF RESEARCH METHODOLOGY -I	20	14	34	P	02	A	16
	CC-2C AN INTRODUCTION TO POLITICAL IDEOLOGIES	29	59	88	*	03	A+	27
	CC-1C G-2 CHHATRAPATI SHIVAJI MAHARAJ AS A NATION BUILDER	28	60	88	*	03	A+	27
	AEC ENVIRONMENTAL SCIENCE	22	11	33	P	02	A	16
4	COMPULSORY ENGLISH	24	34	58	*	03	B+	21
	MIL-2 HINDI BHASHA SHIKSHAN	22	20	42	*	02	A+	18
	DSE-1B MICRO ECONOMICS -II	26	52	78	*	03	A+	27
	DSE-2B MACRO ECONOMICS -II	27	39	66	*	03	A	24
	CC-1D FINANCIAL SYSTEM -II	27	51	78	*	03	A+	27
	SEC-2B BASIC CONCEPT OF RESEARCH METHODOLOGY -II	19	21	40	*	02	A+	18
	CC-2D AN INTRODUCTION TO POLITICAL IDEOLOGIES	29	38	67	*	03	A	24
	CC-1D G-2 CHHATRAPATI SHIVAJI'S MILITARY SYSTEM	29	50	79	*	03	A+	27
	AEC ENVIRONMENTAL SCIENCE	20	20	40	*	02	A+	18
SGPA:(3) 8.33(4) 8.50				TOTAL		48		404

Medium of instruction: Marathi
Date of Issue: 7 FEB 2023
DATE : 20 OCT 2022 ST.NO.: 00001

Dr. Mahesh Kakade
Director
Board of Examinations & Evaluation

साहसे श्री: प्रतिवसति।
Akole Taluka Education Society's
AGASTI ARTS, COMMERCE &
DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE
A/p. Tal. Akole, Dist. Ahmednagar, Pin - 422 601 (Maharashtra) AIS,HE.Code : C-41748
Savitribai Phule Pune University Best College Award - 2007
NAAC Aaccredited 'A' Grade
Dr. Bhaskar Shelke
Principal
I M.A. M.Phil., Ph.D., D.Litt.
I Mob.: 9890686521, Ph. 02424 - 221248
I E-mail : shelke_bhaskar@yahoo.com

By mail

जा. क्र./एसी/निकाल / 67 /2022

दिनांक -10/ /11 /2022

प्रति ,
मा. संचालक ,
परीक्षा व मूल्यमापन मंडळ,
सावित्रीबाई फुले पुणे विद्यापीठ
गणेशखिंड पुणे

विषय ;- खालील विद्यार्थ्यांचा **SYBA 2019 Pattern** निकाल Online स्वरूपात जाहीर झालेला निकाल दुरुस्त करून मिळणे बाबत ...

College Code - 117

महोदय,

आमच्या महाविद्यालयातील खालील विद्यार्थ्यांनी SYBA 2019 Pattern नुसार March/April 2022 परीक्षा दिलेली असून,सदर विद्यार्थ्यांचा एक विषय फॉर्म भरताना चुकलेला होता. त्या विद्यार्थ्यांना Hall Ticket Correction करून **(24023-CC-ID BHASHIK KAUSHALYAVIKAS ANI ADHUNIK MARATHI SAHITYA)** हा विषय हॉल टिकिट दुरुस्त करून Emergency Barcode देऊन दिलेला आहे. या विषयाचे Internal व External गुण सुद्धा विद्यापीठाला पाठविलेले आहेत. तरी सदर विद्यार्थ्यांचा निकाल दुरुस्त करून मिळावा ही विनंती.

(डॉ.भास्कर शेळके)
प्राचार्य,
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

सोबत –

1) विद्यार्थ्यांचे हॉल टिकिट.(Hall Ticket Correction)
2) विद्यापीठाला पाठविलेले गुण (Internal व External)
3) Jr. Supervisor Report

सावित्रीबाई फुले पुणे विद्यापीठ
संचालक कार्यालय
परीक्षा व मूल्यमापन मंडळ
पोहोच स्वाक्षरी... TDDhole
दिनांक 14/11/2022

Subject - correction

NEW

Savitribai Phule Pune University

(Formerly University of Pune)

HallTicket For B.A. (REV.2019) Mar/Apr 2022

SeatNo	PRN	CentreCode	CollegeCode	PUN Code
63001	1182042379	0117	0117	CAAA016190

Name : KUWAR SHUBHAM ANANDA

Mother : RAJSHREE

Centre : DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE

Sub Code	Subject Name	Type	Exam Date	Exam Time
24203	DSE-2B GG220(B) PRACT.GEO.-II(CARTOGRAPHIC TECH.,SURVEYING &	P		
24011	MIL-2 NAVMADHYAME ANI SAMAJMADHYAMANSATHI MARATHI	IE	02/08/2022	02:00 PM
24202	DSE-1B GG210(B) POPULATION GEOGRAPHY -II	IE	03/08/2022	02:00 PM
24023	CC-1D BHASHIK KAUSHALYAVIKAS ANI ADHUNIK MARATHI SAHITYA PR	IE	04/08/2022	02:00 PM
24999	AEC ENVIRONMENTAL SCIENCE	IE	07/08/2022	02:00 PM
24207	SEC-2B APPLIED COURSE OF TRAVEL & TOURISM	IE	02/09/2022	02:00 PM
24001	COMPULSORY ENGLISH	IE	07/09/2022	02:00 PM
24273	CC-1D G-2 CHHATRAPATI SHIVAJI'S MILITARY SYSTEM	IE	08/09/2022	02:00 PM
24204	CC-1D GG201(B) ENVIRONMENTAL GEOGRAPHY - II	IE	29/09/2022	02:00 PM

NOTE:

Students should ensure that details like Name,Photo, PRN, Subjects printed on Hall Ticket are correct. Incase of any discrepancy, please immediately contact to College Exam Officer (CEO).

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Signature of Student

College Principal / Director

DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE

Subject - correction

New

Hall Ticket

Savitribai Phule Pune University

(Formerly University of Pune)

HallTicket For B.A. (REV.2019) Mar/Apr 2022

SeatNo	PRN	CentreCode	CollegeCode	PUN Code
62971	1182042259	0117	0117	CAAA016190

Name : BORHADE VISHAL LAHANU

Mother : ANITA

Centre : DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE

Sub Code	Subject Name	Type	Exam Date	Exam Time
GR2-A	SPORT REPRESENTATION AT COLLEGE LEVEL	G		
GR2-B	SPORT REPRESENTATION AT UNIVERSITY/STATE LEVEL	G		
GR3-A	NATIONAL SOCIAL SERVICE SCHEME (PARTICIPATION IN CAMP)	G		
GR3-B	N.C.C. (WITH PARTICIPATION IN ANNUAL CAMP)	G		
GR3-C	N.C.C. (WITH B CERTIFICATE)	G		
GR3-D	N.C.C. (WITH C CERTIFICATE)	G		
GR3-E	N.S.S. RD /NIC /ADVENTURE /YOUTH CAMPS AT STATE LEVEL	G		
GR3-F	N.S.S/ N.C.C. RD /NIC /ADVENTURE /YOUTH CAMPS PARTICIPATION	G		
GR4-A	AVISHKAR/ INDNADHANUSHYA/ UTKARSH/ AWHAN ACTIVITY PARTICIPAT	G		
GR4-B	AVISHKAR/ INDNADHANUSHYA/ UTKARSH/ AWHAN SELECTION AT UNIVER	G		
GR4-C	AVISHKAR/ INDNADHANUSHYA/ UTKARSH/ AWHAN WINNER AT STATE LEV	G		
GR5-A	RESEARCH PAPER PRESENTATION AT STATE LEVEL	G		
GR5-B	RESEARCH PAPER PRESENTATION AT NATIONAL LEVEL	G		
GR5-C	RESEARCH PAPER PRESENTATION AT INTERNATIONAL LEVEL	G		
GR6-A	PARTICIPATION IN SUMMER SCHOOL/PROGRAMME, SHORT TERM COURSES	G		
GR7-A	FIELD VISITS	G		
GR7-B	STUDY TOURS	G		
GR7-C	INDUSTRIAL VISITS	G		
GR7-D	SOCIO CULTURAL ,LINGUAL SURVEY	G		
GR8-A	ONLINE CERTIFICATE COURSES/MOOC COURSES/ CAREER ADVANCEMENT	G		
GR9-A	FINANCIAL LITERACY	G		
GR9-B	RURAL COMMUNITY DEVELOPMENT	G		
GR9-C	CYBER SECURITY	G		
GR9-D	ONLINE TEACHING	G		
GR9-E	NCC AS ELECTIVE CREDIT COURSE	G		

P.T.O

GR9-F	CONSUMER AFFAIRS	G		
GR9-G	THE ELECTORAL SYSTEM & VOTER PARTICIPATION IN INDIAN DEMOCRA	G		
GR9-H	DEMOCRACY, ELECTION AND GOVERNANCE	G		
24162	DSE-2B POLITICAL JOURNALISM	IE	30/07/2022	02:00 PM
24164	CC-2D AN INTRODUCTION TO POLITICAL IDEOLOGIES	IE	01/08/2022	02:00 PM
24011	MIL-2 NAVMADHYAME ANI SAMAJMADHYAMANSATHI MARATHI	IE	02/08/2022	02:00 PM
24023	CC-1D BHASHIK KAUSHALYAVIKAS ANI ADHUNIK MARATHI SAHITYA PR	IE	04/08/2022	02:00 PM
24161	DSE-1B WESTERN POLITICAL THOUGHT	IE	05/08/2022	02:00 PM
24999	AEC ENVIRONMENTAL SCIENCE	IE	07/08/2022	02:00 PM
24165	SEC-2B BASICS OF INDIAN CONSTITUTION	IE	03/09/2022	02:00 PM
24174	CC-2D HISTORY OF THE MARATHAS :(1707-1818)	IE	06/09/2022	02:00 PM
24001	COMPULSORY ENGLISH	IE	07/09/2022	02:00 PM

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College Principal / Director

Signature of Student

DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE

Savitribai Phule Pune University, Pune - 7

Examination of First / Second Half of the Year

Junior Supervisor / Attendance Report

Sr. No. 3471889

Form - 01

Note : Separate report is to be used for each Pattern, Exam, Semester, Subject and Section as applicable.

College Code: 1 1 7

Exam & Branch : S.P.P.U Exam S.Y.B.A July 2022 Date : 06/07/2022

Semester : 04 Exam Center : Agashi college Akole. Block No : 02

Subject Name : Bhashik Kaushalya Vikas. Paper : 24023.cc Section: —

Note : Seat no., sticker no. is to be written by candidate only. Jr. Supervisors are not supposed to write this information.

Sr. No.	Seat No.	Barcode Sticker No	Signature of Student	No. of Supplements Used
1	6293 1	3960478		
2	6293 2	3960479		
3	6293 3	3960480		
4	6293 4	3960481		
5	6295 1	3960482		
6	6295 9	3960483		
7	6296 1	3960484		
8	6296 5	3960485		
9	6296 9	3960486		
10	6297 2	3960487		
11	6297 3	3960488		
12	6298 3	3960489		
13	6298 6	3960490		
14	6298 7	3960491		
15	6299 5	3960492		
16	6299 7	3960493		
17	6300 9	3960494		
18	6301 4	3960495		
19	6302 4	3960496		
20	✓ 6297 1	5971 1879		
21	✓ 6300 1	5971 1878		

प्राचार्य,
अमरित कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

Savitribai Phule Pune University

Examination Session 2022

Marks Inward System for Colleges

2208221037272

College Name	CAAA016190 - A.T.E.SOCIETY'S ARTS,SCIENCE & COMMERCE COLLEGE
Pattern Name	11819 - BACHELOR OF ARTS 2019 Credit Pattern **Batch No** 202204138744
Subject Name	24023 - CC-1D BHASHIK KAUSHALYAVIKAS ANI ADHUNIK MARATHI SAHITYA **Exam Type** INTERNAL OUT OF 30
Teacher Name	Kadam Ranjana Madhukar (Mob. No.: 9890358170) - Internal Examiner

Total Students	Present Students	Absent Students	Not Applicable	Detained
45	45	0	0	0

Seat No	Marks/Grade	Seat No	Marks/Grade
62868	28	62931	27
62869	28	62932	28
62870	28	62933	28
62871	28	62934	28
62872	28	62951	28
62873	28	62959	29
62874	28	62961	28
62875	28	62965	28
62876	28	62969	28
62877	28	62971	24
62878	28	62972	28
62879	28	62973	28
62880	28	62983	28
62881	29	62986	28
62893	24	62987	28
62895	28	62995	22
62907	28	62997	26
62911	28	63001	24
62912	28	63009	28
62925	28	63014	28
62926	28		
62927	27		
62928	28		
62929	28		
62930	28		

प्राचार्य,
अगस्ति कला, वाणिज्य व दादासाहेब रूपवते
विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

Stamp & Authorized Signatory

Savitribai Phule Pune University
Examination Session 2022
Marks Inward System for Colleges

220917121 7026
2209171217026

9/17/2022

College Name	CAAA016190 - A.T.B.SOCIETY'S ARTS,SCIENCE & COMMERCE COLLEGE		
Pattern Name	11819 - BACHELOR OF ARTS 2019 Credit Pattern	Batch No	202204035117
Subject Name	24023 - CC-1D BHASHIK KAUSHALYAVIKAS ANI ADHUNIK MARATHI SAHITYA PR	Exam Type	EXTERNAL OUT OF 70
Teacher Name	Kadam Ranjana Madhukar (Mob. No.: 9890358170) - External Examiner		

Total Students	Present Students	Absent Students	Not Applicable	Detained
46	45	1	0	0

Seat No	Marks/Grade	Seat No	Marks/Grade
62868	(AB)	62931	42
62869	39	62932	28
62870	44	62933	47
62871	9	62934	43
62872	28	62951	26
62873	34	62959	30
62874	50	62961	43
62875	32	62965	50
62876	36	62969	52
62877	8	62971	41
62878	30	62972	35
62879	23	62973	53
62880	61	62983	44
62881	33	62986	47
62893	31	62987	51
62895	48	62995	38
62907	52	62997	28
62911	42	63001	28
62912	41	63009	39
62925	51	63014	58
62926	30	63024	51
62927	40		
62928	46		
62929	60		
62930	37		

प्राचार्य,
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते
विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

Stamp & Authorized Signatory

Scanned with OKEN Scanner

... Means Cases :

S. No.	Seat No.	Remark
4		
5		
6		

Note : Answer Books for all Unfair Means Cases should be sent directly to University in sealed envelopes.

etails of Emergency Barcode Stickers used :

: No.	Seat No.	Barcode Sticker No	Sem.	Sign of Student	Remark
1	6 3 0 0 1	5 7 7 1 8 7 8			
2	6 2 9 7 1	5 7 5 1 8 7 9			
3					
4					
5					
6					

tant instructions:

ed bar code stickers (may be because of center change / change in subject or any other reason) have to ted at appropriate space provided on the Form 2. No sticker shall be kept at exam center.

bsentee of student, whose bar code is not received, it is not necessary to use emergency bar code. ntee will be considered automatically.

r sticker on bar code sticker sheet is to be pasted on Form 2.

1 is to be kept with exam center and Form 2 is to be submitted to CAP center with Answer Books.

ary :

sent ents	Emergency Sticker Used	Absent Students	Unfair Means Cases	Total Answer books with Form 1 sent to CAP Centre
1	02	NIL	—	21

4.08.22

Hase N.A

Name & Sign. of Jr. Supervisor

4/8/22

Name & Sign. of Sr. Supervisor (Internal)

4/8/22

Telore B. H.

Name & Sign. of Sr. Supervisor (External)

प्राचार्य,
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

: (3) 8.29 (4) 8.46 TOTAL 48 - 402

62971 BORHADE VISHAL LAHANU ANITA F 1182042259 4 F 62971

SUBJECT : POLITICAL SCIENCE

23001 :	19	38	57	B+	3	23011 :	23	14	37	A	2	23023 :	28	39	67	A	3	23161 :	12	43	55	B+	3
23162 :	12	49	61	A	3	23164 :	12	31	43	D	3	23165 :	12	15	27	B	2	23174 :	24	53	77	A+	3
23999 :	16	11	27	B	2	24001 :	21	10	* 31	F FF		24011 :	20	20	* 40	A+	2	24024 :	AA	AA	*AA	AbFF	
24161 :	12	38	* 50	B	3	24162 :	15	54	* 69	A	3	24164 :	20	56	* 76	A+	3	24165 :	15	16	* 31	A	2
24174 :	AA	27	* 27	F FF		24999 :	12	21	* 33	A	2												

FAIL A.T.K.T.

62972 BOTE DIVYA LALDAS SUNDAR F 1182042260 4 F

SUBJECT : POLITICAL SCIENCE

23001 :	24	36	60	A	3	23012 :	20	24	44	A+	2	23023 :	29	60	89	A+	3	23161 :	28	36	64	A	3
23162 :	28	41	69	A	3	23164 :	27	28#	55	B+	3	23165 :	24	10$	34	A	2	23204 :	26	43	69	A	3
23999 :	18	13	31	A	2	24001 :	23	17	* 40	D #	3	24012 :	22	13	* 35	A	2	24023 :	28	35	* 63	A	3
24161 :	29	27	* 56	B+	3	24162 :	29	47	* 76	A+	3	24164 :	28	38	* 66	A	3	24165 :	23	14	* 37	A	2
24204 :	21	30	* 51	B	3	24999 :	17	14	* 31	A	2												

SGPA : (3) 8.08 (4) 7.25 TOTAL 48 - 368

$ 0.1 # 0.4

62973 DESHMUKH HARSHADIP RAJENDRA SUREKHA M 1182042271 4 F 62973

SUBJECT : POLITICAL SCIENCE

23001 :	25	57	82	A+	3	23011 :	23	24	47	O	2	23023 :	28	43	71	A	3	23161 :	29	46	75	A+	3
23162 :	25	53	78	A+	3	23164 :	25	49	74	A	3	23165 :	22	15	37	A	2	23204 :	26	53	79	A+	3
23999 :	21	12	33	A	2	24001 :	27	36	* 63	A	3	24011 :	20	22	* 42	A+	2	24023 :	28	53	* 81	A+	3
24161 :	22	51	* 73	A	3	24162 :	22	63	* 85	A+	3	24164 :	25	62	* 87	A+	3	24165 :	18	23	* 41	A+	2
24204 :	22	57	* 79	A+	3	24999 :	20	20	* 40	A+	2												

SGPA : (3) 8.67 (4) 8.75 TOTAL 48 - 418

20/10/2022 SAVITRIBAI PHULE PUNE UNIVERSITY

RESULT OF THE BACHELOR OF ARTS (2019) EXAMINATION - APRIL 2022

[COURSE GRADE POINTS:100-90 'O' 10/89-75 A+ 09/74-60 A 08/59-55 B+ 07/54-50 B 06/49-45 C 05/44-40 D 4/39-0 F 0/ Nil Ab 0]

[FINAL GRADE POINTS:9.50-10.00'O'/8.25-9.49 A+/6.75-8.24 A/5.75-6.74 B+/5.25-5.74 B/4.75-5.24 C/4.00-4.74 D/0.00-3.99 F

P=Previous/*=Appearing/$=0.1/#=0.4/&=0.163/@=0.1&0.163/Passing:40% for all heads/!=Not considered for calculation of final grade

---

0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE,AKOLE,A'NAGAR PAGE : 25

SEAT NO.	NAME OF THE CANDIDATE	MOTHER	SEX	P.R.NO.	SEM	APP	RR STAT
62974	DIGHE SAKSHI SUNIL	VANDANA	F	1182042277	4	F	62974

SUBJECT : POLITICAL SCIENCE

23001 :	23	43	66	A	3	23012 :	16	24	40	A+	2	23093 :	30	45	75	A+	3	23153 :	25	50	75	A+	3
23161 :	25	50	75	A+	3	23162 :	22	52	74	A	3	23164 :	26	36	62	A	3	23165 :	24	16	40	A+	2
23999 :	20	13	33	A	2	24001 :	26	17	* 43	D	3	24012 :	18	15	* 33	A	2	24095 :	AA	AA	*AA	AbFF	
24153 :	25	15	* 40	D &	3	24161 :	25	16	* 41	D	3	24162 :	25	30	* 55	B+	3	24164 :	24	34	* 58	B+	3
24165 :	20	21	* 41	A+	2	24999 :	17	16	* 33	A	2	GR3-B :!				A	1	GR3-C :!				A	2
GR3-D :!				A	2																		

FAIL A.T.K.T. & 0.163

0.163 balance marks : 4

62975 FODASE KUSUM SUKDEV SUMAN F 1182042279 4 F 62975

SUBJECT : POLITICAL SCIENCE

23001 :	24	46	70	A	3	23012 :	22	25	47	O	2	23093 :	28	70	98	O	3	23161 :	29	60	89	A+	3
23162 :	28	59	87	A+	3	23164 :	29	48	77	A+	3	23165 :	24	10	34	A	2	23273 :	29	49	78	A+	3
23999 :	21	10	31	A	2	24001 :	26	38	* 64	A	3	24012 :	23	18	* 41	A+	2	24093 :	22	62	* 84	A+	3
24161 :	28	56	* 84	A+	3	24162 :	29	48	* 77	A+	3	24164 :	28	64	* 92	O	3	24165 :	23	23	* 46	O	2
24273 :	29	59	* 88	A+	3	24999 :	22	21	* 43	A+	2												

SGPA : (3) 8.92 (4) 9.08 TOTAL 48 - 432

62976 GAVANDE KAILAS JAGANNATH KISANABAI M 1182042288 4 F 62976

SUBJECT : POLITICAL SCIENCE

23001 :	20	63	83	A+	3	23012 :	21	25	46	O	2	23093 :	24	64	88	A+	3	23153 :	25	63	88	A+	3
23161 :	27	49	76	A+	3	23162 :	28	69	97	O	3	23164 :	29	57	86	A+	3	23165 :	25	23	48	O	2
23999 :	21	19	40	A+	2	24001 :	25	59	* 84	A+	3	24012 :	22	19	* 41	A+	2	24093 :	18	62	* 80	A+	3
24153 :	24	56	* 80	A+	3	24161 :	24	58	* 82	A+	3	24162 :	30	66	* 96	O	3	24164 :	30	59	* 89	A+	3
24165 :	25	24	* 49	O	2	24999 :	20	23	* 43	A+	2												

SGPA : (3) 9.29 (4) 9.21 TOTAL 48 - 444

62977 KACHARE BHASKAR TULSHIRAM KUSUM M 1182042334 4 F 62977

SUBJECT : POLITICAL SCIENCE

23001 :	25	55	80	A+	3	23011 :	24	22	46	O	2	23161 :	26	48	74	A	3	23162 :	28	57	85	A+	3
23164 :	27	59	86	A+	3	23165 :	23	20	43	A+	2	23174 :	27	49	76	A+	3	23423 :	28	50	78	A+	3
23999 :	18	21	39	A+	2	24001 :	24	34	* 58	B+	3	24011 :	24	22	* 46	O	2	24161 :	25	44	* 69	A	3

प्राचार्य,
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते
विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

GR5-C	RESEARCH PAPER PRESENTATION AT INTERNATIONAL LEVEL	G		
GR6-A	PARTICIPATION IN SUMMER SCHOOL/PROGRAMME; SHORT TERM COURSES	G		
GR7-A	FIELD VISITS	G		
GR7-B	STUDY TOURS	G		
GR7-C	INDUSTRIAL VISITS	G		
GR7-D	SOCIO CULTURAL ,LINGUAL SURVEY	G		
GR8-A	ONLINE CERTIFICATE COURSES/MOOC COURSES/ CAREER ADVANCEMENT	G		
GR9-A	FINANCIAL LITERACY	G		
GR9-B	RURAL COMMUNITY DEVELOPMENT	G		
GR9-C	CYBER SECURITY	G		
GR9-D	ONLINE TEACHING	G		
GR9-E	NCC AS ELECTIVE CREDIT COURSE	G		
GR9-F	CONSUMER AFFAIRS	G		
GR9-G	THE ELECTORAL SYSTEM & VOTER PARTICIPATION IN INDIAN DEMOCRA	G		
GR9-H	DEMOCRACY, ELECTION AND GOVERNANCE	G		
23999	AEC ENVIRONMENTAL SCIENCE	IE	09/02/2023	10:00 AM

NOTE:

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Signature of Student

College Principal / Director

DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE

Fwd: TYBA 2019 Patter... Message 207 of 427

From **Agasti Arts Com.&Dada. Rupwate Sci.C... Al**
To **Exam support**, **S & T Arts**
Date **15-01-2022 10:41 am**

Madhe.pdf(~536 KB)

Akole Taluka Education Society ıe

-------- Original Message ------
--

Subject:TYBA 2019 Pattern अभ्या
परीक्षा फॉर्म भरताना विषय up
...
Date:14-01-2022 7:38 pm
From:"Agasti Arts Com.&Dada. Rupwate Sci.CollegeAkole" <caaa016190@pun.unipune.ac.in>
To: Examsupport <examsupport@pun.unipune.ac.in>, S & T Arts <st-arts@pun.unipune.ac.in>

Dear Sir/Madam,

Please Attach a file

(Principal)

--
Akole Taluka Education Society Agasti Arts$$ Commerce and Dadasahe

साहसे श्री: प्रतिवसति ।
Akole Taluka Education Society's
AGASTI ARTS, COMMERCE &
DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE
A/p. Tal. Akole, Dist. Ahmednagar, Pin - 422 601 (Maharashtra)

I Savitribai Phule Pune University Best College Award - 2007
I NAAC Aaccredited 'A' Grade

Dr. Bhaskar Shelke
Principal

M.A. M.Phil., Ph.D., D.Litt.
Mob.: 9890686521. Ph. 02424 - 2212
E-mail : shelke_bhaskar@yahoo.co

जा. क्र./एसी/परीक्षा /७ ६/ २०२२

दिनांक -१३ /०१ /२०२२

प्रति ,

मा. संचालक ,
परीक्षा व मूल्यमापन मंडळ,
सावित्रीबाई फुले पुणे विद्यापीठ
गणेशखिंड पुणे

विषय TYBA 2019 Pattern अभ्यासक्रमानुसार परीक्षा फॉर्म भरताना विषय अपडेट होणे बाबत ...

महोदय,

आमच्या महाविद्यालयातील विद्यार्थी **MADHE PAPPU DASHRATH** या विद्यार्थ्याने **TYBA 2019 Pattern** नुसार प्रवेश घेतलेला असून , परीक्षा फॉर्म भरत असताना त्यामध्ये **(35093 – KATHETAR VIDHAYE) हिन्दी जनरल हा विषय येत नाही. हिन्दी जनरल हा विषय त्याला FYBA व SYBA या वर्गाला होता.**

तरी कृपया सदर विद्यार्थ्याचा हिन्दी जाणार हा विषय घेण्यास (अपडेट) होणेस विनंती.

सोबत –

1) विद्यार्थी अर्ज
2) FYBA 2019 गुणपत्रक
3) SYBA2019 गुणपत्रक

(डॉ. भास्कर शेळके)
प्राचार्य
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते
विज्ञान महाविद्यालय, अकोले, जि. अहमदनगर

अर्ज

मधे पप्पु दशरथ
खिरविरे ता. अकोले
जि. अ. नगर
T.Y.B.A
दि:- 13/01/2022

प्रति,
मा. प्राचार्य
अगस्ती कॉलेज अकोले.

विषय:- Exam form मध्ये हिंदी (जनरल) हा विषय येत नसल्याबाबत...

महोदय,

मी मधे पप्पु दशरथ T.Y.B.A च्या वर्गात शिकत असुन मी exam form भरत असताना हिंदी (जनरल) हा विषय त्या मध्ये येत नाही. हिंदी व मराठी (जनरल) असुन भुगोल हा स्पेशल विषय आहे. हे पेपर मी S.Y.B.A ला दिलेले आहेत. पण ह्या वर्षी T.Y.B.A ला exam form मध्ये हिंदी (जनरल) विषय येत नाही. तरी मला योग्य मार्गदर्शन करावे ही माझी नम्र विनंती...

S.Y.B.A = 24093 CC-1D ADHUNIK Hindi Vyangya Sahitya Tat Vya
T.Y.B.A = 35093 KATHETAR VIDHAYE

आपला आज्ञाकारक / विद्यार्थी

Madhe.
मधे पप्पु दशरथ
8788334194

Savitribai Phule Pune University

Examination Form Oct/Nov 2021

Form No :1619-**03651**

Course Name BACHELOR OF ARTS 2019 Credit Pattern

PRN. 1181968584 **Eligibility No.** 12019182360 **Total Fee to be Paid:** **755**

PUNCODE CAAA016190 **College** (0) Agasti Arts Commerce and Dadasaheb Rupwate Science College

Instructions to the Candidate:

1.This Exam form along with fee amount should be submitted to the concerned college .
2.Repeater students should attach attested true copy of the latest mark sheet alongwith this form.
3.This form will be considered **ONLY AFTER APPROVAL** from the concern College Login.

To,
Director,
Board of Examination & Evaluation, Savitribai Phule Pune University, Pune-411 007.
Sir/Madam,
I request permission to present myself at the examination courses, mentioned below .

1.Personal Details:

Name of the Applicant	MADHE PAPPU DASHRATH		
Name of the Applicant's Mother	RUKHMINI		
Address for Communication	At.Post.Khirvire		
Email-ID	*pappumadhe2000@gmail.com*	**Contact Number**	*8788388194*
Gender	Male	Category	ST
Divyang/Learning Disable	No	Medium of Instruction	Marathi

Applied Subjects Information :

Year/ Sem	Sub Code	Subject Name	Internal	External/ Theory	Grade/ Online	Practical/ Sessional	Project	Oral
4	24093	CC-1D ADHUNIK HINDI VYANGYA SAHITYA TATHA VYAVAHARIK HINDI (G-2)	Y	N	N	N	N	N
5	35001	COMPULSORY ENGLISH	Y	Y	N	N	N	N
5	35002	GE-2A GENERIC ELECTIVE	Y	Y	N	N	N	N
5	35023	CC-1E BHASHIK KAUSHALYAVIKAS ANI ADHUNIK MARATHI SAHITYA PRAKAR: P	Y	Y	N	N	N	N
5	35201	DSE-1C GG320(A) GEOGRAPHY OF INDIA -I	Y	Y	N	N	N	N
5	35203	DSE-2C GG301(A) PRACTICAL GEOGRAPHY -I (TECHNIQUES OF SPATIAL ANALY	N	N	N	Y	N	N
5	35204	CC-1E GG310(A) GEOGRAPHY OF DISASTER MANAGEMENT -I	Y	Y	N	N	N	N
5	35206	SEC-2C RESEARCH METHODOLOGY -I	Y	Y	N	N	N	N

Print Date:1/13/2022 11:09:55 AM

SAVITRIBAI PHULE PUNE UNIVERSITY
(formerly University of Pune)
GANESHKHIND, PUNE 411007.

Branch : BACHELOR OF ARTS (2019) - APRIL 2021

SeatNo : 91258 Centre : 0117 Perm Reg No(PRN) : 1181968584

Student Name : MADHE PAPPU DASHRATH Mother Name : RUKHMINI

Inst.Name : 0117 BABASAHEB NIMBALKAR ARTS, SCIENCE & COMMERCE COLLEGE AKOLE,ANAGAR

SEM	SUBCODE	SUBJECT NAME	Crd	Grd	Grd Pnt	Crd I
3	23001	COMPULSORY ENGLISH	3	B+	021	
	23011	MIL-2 MARATHI BHASHIK SANDYNAPANKAUSHALYE	2	A+	018	
	23023	CC-1C BHASHIK KAUSHALYAVIKAS ANI ADHUNIK MARAT	3	A	024	
	23093	CC-1C ADHUNIK KAVYA,KAHANI TATHA VYAVAHARIK HI	3	A	024	
	23202	DSE-1A GG220(A) POPULATION GEOGRAPHY -I	3	A	024	
	23203	DSE-2A GG210(A) PRACTICAL GEOGRAPHY -I (SCALE &	4	A+	036	
	23204	CC-1C GG201(A) ENVIRONMENTAL GEOGRAPHY -I	3	A+	027	
	23207	SEC-2A APPLIED COURSE OF DISASTER MANAGEMENT	2	A+	018	
	23999	AEC ENVIRONMENTAL SCIENCE	2	A	016	
4	24001	COMPULSORY ENGLISH	3	C	015	
	24011	MIL-2 NAVMADHYAME ANI SAMAJMADHYAMANSATHI MARA	2	O	020	
	24023	CC-1D BHASHIK KAUSHALYAVIKAS ANI ADHUNIK MARAT	3	A	024	
	24093	CC-1D ADHUNIK HINDI VYANGYA SAHITYA TATHA VYAV	0	F	000	
	24202	DSE-1B GG210(B) POPULATION GEOGRAPHY -II	3	A	024	
	24203	DSE-2B GG220(B) PRACT GEO.-II(CARTOGRAPHIC TECH	4	O	040	
	24204	CC-1D GG201(B) ENVIRONMENTAL GEOGRAPHY -II	3	B+	021	
	24207	SEC-2B APPLIED COURSE OF TRAVEL & TOURISM	2	A+	018	
	24999	AEC ENVIRONMENTAL SCIENCE	2	A	016	

RESULT : FAIL A.T.K.T

RESULT DATE : 27 October 2021

The results published online are for immediate information only. These cannot be treated as original statement of marks,Please verify the information from original statement of marks issued by the Savitribai Phule Pune University separately.

Sr.No.:

I.D. No. PUNAASC018/1974

साहस श्रीः प्रतिष्ठन्ति ।

AKOLE TALUKA EDUCATION SOCIETY'S

AGASTI ARTS, COMMERCE AND DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE

TAL.: AKOLE, DIST.: AHMEDNAGAR. (PIN : 422 601)

(AFFILIATED TO SAVITRIBAI PHULE PUNE UNIVESITY)

STATEMENT OF GRADES FOR: BA 2019 Pattern — Apr-2020

SEAT NO.: 10424 **CENTRE:** CAAA016190 **PERM REG. NO.:** 1181968584

NAME: MADHE PAPPU DASHRATH **MOTHER:** MADHE RUKHMINI DASHRATH

	Crd	Grd	Grd Pnt	Crd Pnt
11011-COMPULSORY ENGLISH-I	3	B	6	18
11021A-MARATHI SAHITYA : KATHA & BHASHIK KOUSHALYAVIKAS	3	A	8	24
11031B-VAIKALPIK HINDI PRASHNPATRA-IA	3	B+	7	21
11041A-PHYSICAL GEOGRAPHY	3	A	8	24
11161A-INTRODUCTION TO INDIAN CONSTITUTION	3	D	4	12
11171-EARLY INDIA : FROM PRTHISTORY TO THE AGE OF MAURYAS	3	A	8	24

First Sem SGPA : 6.833 Credits Earned/Total : 18/18 Total Credit Points: 123

* 11012-COMPULSORY ENGLISH-II	3	D	4	12
* 11022A-MARATHI SAHITYA : AKANKIKA & BHASHIK KOUSHALYAVIKAS	3	A+	9	27
* 11032B-VAIKALPIK HINDI PRASHNPATRA-IIA	3	A	8	24
* 11042-HUMAN GEOGRAPHY	3	A	8	24
* 11162A-INTRODUCTION TO INDIAN CONSTITUTION-II	3	C	5	15
* 11172-EARLY INDIA :POST MAURYAN AGE TO THE RASHTRAKUTAS	3	A	8	24
* G-1-PHYSICAL EDUCATION (GROUP-I, SEM-I)	2	B		

Second Sem SGPA : 7.000 Credits Earned/Total : 18/18 Total Credit Points: 126

First Year Total Credits Earned : 36/36

S O I

EST. 1974 TAL-AKOLE DISTRICT AHMEDNAGAR 422 601 AKOLE

PRINCIPAL

Medium of Instruction: Marathi

STATEMENT NO.: 162

DATE: 31/Jul/2020

Akole Taluka Education Society's

Student Copy

Agasti Arts, Commerce and Dadasaheb Rupwate Science College, Akole

A/P: Akole, Tal : Akole, Dist : Ahmednagar, Pincode : 422601

Provisional Admission Fee Reciept (Senior College 2021-2022)

RECEIPT NO.	R-SR212201096	STUDENT ID	ACJA17009718
CANDIDATE NAME	MADHE PAPPU DASHRATH	CATEGORY	GEOGRAPHY BC LAB
STREAM	ARTS	FEE TYPE	GRANT AID
COURSE & YEAR	TYBA	DATE	29-10-2021

Sr.No.	Particulars	Amt.	Received Amt.	Sr.No.	Particulars	Amt.	Received Amt.
1	REGI. FEE	0	0.00	2	STUD. SAFE INS.	10	10.00
3	LAB. FEE	0	0.00	4	GYM. FEE	0	0.00
5	UNIV. ELIGI. FEE	0	0.00	6	S.A.F.	0	0.00
7	STU. WALF. FEE	0	0.00	8	COMP. FEE	0	0.00
9	LIBRARY FEE	0	0.00	10	NSS FEE	0	0.00
11	ASHWA. FEE	0	0.00	12	STU. ACTIV. FEE	0	0.00
13	GEO. LAB. FEE	125	125.00	14	UNIV. DEVE. FEE	0	0.00
15	DISA. MANG. FEE	0	0.00	16	TUTION FEE	0	0.00
17	ADM. FEE	0	0.00	18			

Total Fee : 135/- **Paid Fee : 135/-** **Balance Fee : 0/-**

Amount Paid : ONE HUNDRED THIRTY FIVE RUPEES ONLY

1. Please do not lose this receipt.
2. Produced whenever asked.
3. This is Computer generated receipt, signature not required.

Seal & Sign.

29-10-2021

www.agastitech.com

I.D.No.PU/AN/ASC/018/1974. HSC/1176/July 1976 DL 1.7.76 H.S.C.No.J-12.01.001

साहसे श्री: प्रतिवसति ।

अकोले तालुका एज्युकेशन सोसायटीचे,

अगस्ति कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अकोले

मु.पो.ता. अकोले, जि. अहमदनगर पिन : ४२२ ६०१ (महाराष्ट्र)

ए.आय.एस.एच.ई.कोड : C-41748

सावित्रीबाई फुले पुणे विद्यापीठ सर्वोत्कृष्ट संलग्न महाविद्यालय–२००७

क मानांकन : 'अ' दर्जा

डॉ. भास्कर शेळके
प्राचार्य

M.A. M.Phil., Ph.D., D.Litt.
Mob.: 9890686521, Ph. 02424 - 221248
E-mail : shelke_bhaskar@yahoo.com

By. mail

जा. क्र./एसी/विप /परीक्षा / 68 / 2022

दिनांक -8 /7/2022

मा. संचालक ,
परीक्षा व मूल्यमापन मंडळ,
सावित्रीबाई फुले पुणे विद्यापीठ
गणेशखिंड पुणे

विषय – SYBA 2019 Pattern (Oct/Nov 2021) Exam. SEM – III निकाला बाबत
Collage Code - 117

महोदय ,

आमच्या महाविद्यालयातील विद्यार्थी **Bhor Khushal Machhindra** या विदयार्थ्याने SYBA 2019 Pattern (Oct/Nov 2021) Exam. SEM – III फेर परीक्षा दिलेली असून ,त्यामध्ये सदर विद्यार्थी CC-IC G2 CHHATRAPATI SHIVAJI MAHARAJ AS A NATION BUILDER (Code No -23273) या विषयात पास असताना देखील त्याचा निकाल Fail आलेला आहे. तसेच SEM – IV परीक्षा फॉर्म भरताना परत तो विषय येत होता. सध्या Hall Ticket मध्ये तो विषय आलेला आहे. ऑनलाईन व महाविद्यालयीन Ledger चेक केले असता त्यात तो नापास दिसत आहे. त्याचा online score मात्र पास आहे.मग सदर विदयार्थ्याने तो विषय परत द्यायचा का या बाबत मार्गदर्शन करावे किंवा त्याचा निकाल् त्वरित दुरुस्त करून मिळावे ही विनंती.

ARTS, COMM. & DADASAHEB RUPWATE SCIENCE COLLEGE EST. 1974 TAL-AKOLE DISTRICT AHMEDNAGAR 422 601 AKOLE

(डॉ. भास्कर शेळके)
प्राचार्य,
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते
विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

सोबत ;-

1) विद्यार्थी अर्ज
2) ऑनलाईन score result
3) Oct/Nov 2021 ऑनलाईन निकाल
4) विद्यापीठ Ledger
5) Hall Ticket – March /April 2022

Page No.
Date

दि. 21/7/2022

प्रति,
सावित्रीबाई फुले पुणे, विद्यापीठ.
पुणे - 411007

अर्जदार - भोर खुशाल मच्छिंद्र

विषय - बि.ए Sem-III चा विषय बॅकलॉग (Fail) दाखवणे बाबत ...

महोदय,

मी आपल्या विद्यापीठात शिकत असून मी अगसनी कॉलेज अकोले येथे शिक्षण घेत आहे. सदर विषयानुसार मी Sub. code 23273 (छत्रपती शिवाजी महाराज एक युद्ध नेते CC-1C-G-2) हा III Semester चा online पेपर दिला होता. तरी पण माझा हा विषय Backlog दाखवत आहे. तरी आपण आम्हाला सहकार्य करुन नवीन Hallticket उपलब्ध करावे.

धन्यवाद.

स्वाक्षरी
भोर खुशाल मच्छिंद्र

सोबत - मो.नं. 8010481767

① गुणपत्रक (III semester)
② Hallticket (IV semester)

SAVITRIBAI PHULE PUNE UNIVERSITY
(formerly University of Pune)
GANESHKHIND, PUNE 411007.

Branch : BACHELOR OF ARTS (2019) - OCTOBER 2021
SeatNo : 72211 Centre : 0117 Perm Reg No(PRN) : 1182042253
Student Name : BHOR KHUSHAL MACHHINDRA Mother Name : VANDANA
Inst.Name : 0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE AKOLE,AHAGAR

SUBJECT : ECONOMICS

SEM	SUBCODE	SUBJECT NAME	Crd	Grd	Grd Pnt	Crd Pt
0	GR3-C	N.C.C. (WITH B CERTIFICATE)	2	A	!	
	GR3-D	N.C.C. (WITH C CERTIFICATE)	4	A	!	
3	23001	COMPULSORY ENGLISH	3	A	024	
	23012	MIL-2 HINDI BHASHA SHIKSHAN	2	A+	018	
	23093	CC-1C ADHUNIK KAVYA,KAHANI TATHA VYAVAHARIK HINDI (G-2)	3	O	030	
	23151	DSE-1A MICRO ECONOMICS -I	3	A	024	
	23152	DSE-2A MACRO ECONOMICS -I	3	A+	027	
	23153	CC-1C FINANCIAL SYSTEM -I	3	A+	027	
	23154	SEC-2A BASIC CONCEPT OF RESEARCH METHODOLOGY -I	2	A+	018	
	23273	CC-1C G-2 CHHATRAPATI SHIVAJI MAHARAJ AS A NATION BUILDER	0	F	000	
	23999	AEC ENVIRONMENTAL SCIENCE	2	A	016	

RESULT DATE : 26 May 2022

The results published online are for immediate information only. These cannot be treated as original statement of marks,Please verify the information from original statement of marks issued by the Savitribai Phule Pune University seperately.

11:17

regarding Online Exam Score displayed below against each subject then raise it from your Student Profile System(SPS) account login.

Faculty Name	ARTS	Exam Name	BACHELOR OF ARTS 2019 Credit Pattern
PRN	1182042253	Seat Number	72211
Student Name	BHOR KHUSHAL MACHHINDRA	Mother Name	VANDANA
PUNCODE	CAAA016190		

परीक्षा गैरप्रकार (unfair means)

ऑनलाइन परीक्षेचे गुण प्रदर्शित केल्यानंतरही परीक्षा गैरप्रकार (Unfair Means) केस विद्यापीठाच्या निदर्शनास आल्यास, अशा प्रकरणात प्रदर्शित केलेले गुण, परीक्षा गैरप्रकार अंतर्गत राखीव केले जाऊ शकतात. पुढील कार्यवाही परीक्षा प्रमाद समितीच्या निर्णयानुसार केली जाईल

Sr. No.	Unique Key	[Subject Code] Subject Name	Exam Date and Time	Online Exam Score	Remark
1	2002404	[23001] COMPULSORY ENGLISH	29/Mar/2022 04.00 PM to 06.00 PM	29	
2	2002951	[23012] MIL-2 HINDI BHASHA SHIKSHAN	08/Apr/2022 01.00 PM to 03.00 PM	50	
3	2006658	[23153] CC-1C FINANCIAL SYSTEM -I	23/Apr/2022 04.00 PM to 06.00 PM	44	
4	2006374	[23999] AEC ENVIRONMENTAL SCIENCE	11/Apr/2022 04.00 PM to 06.00 PM	28	
5	2006667	[23152] DSE-2A MACRO ECONOMICS -I	29/Mar/2022 01.00 PM to 03.00 PM	41	
6	2003333	[23093] CC-1C ADHUNIK KAVYA,KAHANI TATHA VYAVAHARIK HINDI (G-2)	06/Apr/2022 04.00 PM to 06.00 PM	50	
7	2007373	[23154] SEC-2A BASIC CONCEPT OF RESEARCH METHODOLOGY -I	25/Mar/2022 01.00 PM to 03.00 PM	33	
8	2006665	[23151] DSE-1A MICRO ECONOMICS -I	31/Mar/2022 04.00 PM to 06.00 PM	31	
9	2006032	[23273] CC-1C G-2 CHHATRAPATI SHIVAJI MAHARAJ AS A NATION BUILDER	01/Apr/2022 04.00 PM to 06.00 PM	42	

Back

Savitribai Phule Pune University

(Formerly University of Pune)

HallTicket For B.A. (REV.2019) Mar/Apr 2022

SeatNo	PRN	CentreCode	CollegeCode	PUN Code
62892	1182042253	0117	0117	CAAA016190

Name : BHOR KHUSHAL MACHHINDRA

Mother : VANDANA

Centre : DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE

Sub Code	Subject Name	Type	Exam Date	Exam Time
23273	CC-1C G-2 CHHATRAPATI SHIVAJI MAHARAJ AS A NATION BUILDER	E		
24001	COMPULSORY ENGLISH	IE	7-9-22	
24012	MIL-2 HINDI BHASHA SHIKSHAN	IE	17-8-22	
24093	CC-1D ADHUNIK HINDI VYANGYA SAHITYA TATHA VYAVAHARIK HINDI	IE	27-9-22	
24151	DSE-1B MICRO ECONOMICS -II	IE	3-8-22	
24152	DSE-2B MACRO ECONOMICS -II	IE	12-9-22	
24153	CC-1D FINANCIAL SYSTEM -II	IE	10-9-22	
24154	SEC-2B BASIC CONCEPT OF RESEARCH METHODOLOGY -II	IE	28-9-22	
24273	CC-1D G-2 CHHATRAPATI SHIVAJI'S MILITARY SYSTEM	IE	8-9-22	
24999	AEC ENVIRONMENTAL SCIENCE	IE		

NOTE:

Students should ensure that details like Name,Photo, PRN, Subjects printed on Hall Ticket are correct. Incase of any discrepancy, please immediately contact to College Exam Officer (CEO).

In Case,College does not have Exam Center,please follow University Circular.

In Case of any discrepancy between hallticket & time table published on university website (http://exam.unipune.ac.in), the timetable on website to be followed.

Signature of Student

College Principal / Director

DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE

OSHI ANIKET SHIVAJI SUNANDA M 1182042332 3 F 72203

T : HINDI
1 : 23 42 * 65 A 3 23012 : 17 12 * 29 B+ 2 23091 : 25 38 * 63 A 3 23092 : 27 31 * 58 B+ 3
93 : 26 38 * 64 A 3 23096 : 21 11 * 32 A 2 23164 : 26 35 * 61 A 3 23204 : 26 45 * 71 A 3
999 : 16 15 * 31 A 2
SGPA : (3) 7.79 TOTAL CREDITS : 24 GRADE POINTS: 187 ADDON CREDITS 0

72204 JOSHI PRANAV VILAS PRATIBHA M 1182042333 3 F 72204

SUBJECT : HINDI
23001 : 24 39 * 63 A 3 23012 : 16 11 * 27 B 2 23091 : 26 31 * 57 B+ 3 23092 : 27 31 * 58 B+ 3
23093 : 26 45 * 71 A 3 23096 : 22 12 * 34 A 2 23164 : 27 31 * 58 B+ 3 23204 : 25 43 * 68 A 3
23999 : 16 14 * 30 A 2
SGPA : (3) 7.46 TOTAL CREDITS : 24 GRADE POINTS: 179 ADDON CREDITS 0

26/05/2022 SAVITRIBAI PHULE PUNE UNIVERSITY

RESULT OF THE BACHELOR OF ARTS (2019) EXAMINATION - OCTOBER 2021

[COURSE GRADE POINTS:100-90 'O' 10/89-75 A+ 09/74-60 A 08/59-55 B+ 07/54-50 B 06/49-45 C 05/44-40 D 4/39-0 F 0/ Nil Ab 0]

*=Appearing/$=0.1/#=0.4/&=0.163/@=0.140.163/!=Not considered for calculation of final grade

0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE,AKOLE,A'NAGAR PAGE : 17

SEAT NO. NAME OF THE CANDIDATE MOTHER SEX P.R.NO. SEM APP RR STAT

72205 KONDAR SHIVRAM GANPAT SUMAN M 1182042370 3 F 72205

SUBJECT : HINDI
23001 : 20 14 * 34 F FF 23012 : 12 10 * 22 D 2 23091 : 13 18 * 31 F FF 23092 : 12 24 * 36 F FF
23093 : 12 32 * 44 D 3 23096 : 12 14 * 26 D 2 23164 : 12 28 * 40 D 3 23204 : 26 22 * 48 F FF
23999 : 11 10$ * 21 D 2
$ 0.1

72206 KOTHMAL MANGESH TANHAJI RADHA M 1182042372 3 F 72206

SUBJECT : HINDI
23001 : 21 55 * 76 A+ 3 23012 : 17 16 * 33 A 2 23091 : 25 57 * 82 A+ 3 23092 : 26 56 * 82 A+ 3
23093 : 25 43 * 68 A 3 23096 : 19 15 * 34 A 2 23164 : 25 38 * 63 A 3 23204 : 25 57 * 82 A+ 3
23999 : 12 22 * 34 A 2
SGPA : (3) 8.50 TOTAL CREDITS : 24 GRADE POINTS: 204 ADDON CREDITS 0

72207 MANIYAR SAHIL FIROJ BANAR M 1182042404 3 F 72207

SUBJECT : HINDI
23001 : 24 56 * 80 A+ 3 23012 : 16 18 * 34 A 2 23091 : 22 50 * 72 A 3 23092 : 24 55 * 79 A+ 3
23093 : 28 56 * 84 A+ 3 23096 : 18 16 * 34 A 2 23164 : 25 41 * 66 A 3 23204 : 26 57 * 83 A+ 3
23999 : 12 22 * 34 A 2
SGPA : (3) 8.50 TOTAL CREDITS : 24 GRADE POINTS: 204 ADDON CREDITS 0

72208 PATHAVE MANISHA VIJAY VANITA F 1182042430 3 F 72208

SUBJECT : HINDI
23001 : 27 38 * 65 A 3 23012 : 20 25 * 45 O 2 23091 : 25 42 * 67 A 3 23092 : 24 60 * 84 A+ 3
23093 : 23 64 * 87 A+ 3 23096 : 23 15 * 38 A+ 2 23153 : 27 53 * 80 A+ 3 23423 : 29 39 * 68 A 3
23999 : 12 15 * 27 B 2
SGPA : (3) 8.46 TOTAL CREDITS : 24 GRADE POINTS: 203 ADDON CREDITS 0

72209 AGIWALE KIRAN SOMNATH BABAI M 1182042216 3 F 72209

SUBJECT : ECONOMICS
23001 : 21 38 * 59 B+ 3 23012 : 18 13 * 31 A 2 23151 : 22 35 * 57 B+ 3 23152 : 24 46 * 70 A 3
23153 : 24 45 * 69 A 3 23154 : 23 10 * 33 A 2 23204 : 26 56 * 82 A+ 3 23423 : 29 39 * 68 A 3
23999 : 17 13 * 30 A 2
SGPA : (3) 7.88 TOTAL CREDITS : 24 GRADE POINTS: 189 ADDON CREDITS 0

72210 AGIWALE PANDHARINATH GOPAL MIRABAI M 1182042218 3 F 72210

SUBJECT : ECONOMICS
23001 : AA 34 * 34 F FF 23011 : 20 16 * 36 A 2 23023 : 28 45 * 73 A 3 23151 : 23 31 * 54 B 3
23152 : 21 32 * 53 B 3 23153 : 24 39 * 63 A 3 23154 : 22 15 * 37 A 2 23163 : AA 29 * 29 F FF
23999 : 16 6 * 22 F FF

26/05/2022 SAVITRIBAI PHULE PUNE UNIVERSITY

RESULT OF THE BACHELOR OF ARTS (2019) EXAMINATION - OCTOBER 2021

[COURSE GRADE POINTS:100-90 'O' 10/89-75 A+ 09/74-60 A 08/59-55 B+ 07/54-50 B 06/49-45 C 05/44-40 D 4/39-0 F 0/ Nil Ab 0]

*=Appearing/$=0.1/#=0.4/&=0.163/@=0.140.163/!=Not considered for calculation of final grade

0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE,AKOLE,A'NAGAR PAGE : 18

SEAT NO. NAME OF THE CANDIDATE MOTHER SEX P.R.NO. SEM APP RR STAT

72211 BHOR KHUSHAL MACHHINDRA VANDANA M 1182042253 3 F 72211

SUBJECT : ECONOMICS
23001 : 24 41 * 65 A 3 23012 : 18 25 * 43 A+ 2 23093 : 23 70 * 93 O 3 23151 : 27 43 * 70 A 3
23152 : 24 57 * 81 A+ 3 23153 : 26 62 * 88 A+ 3 23154 : 22 17 * 39 A+ 2 23273 : 29 AA * 29 F FF
23999 : 18 14 * 32 A 2 GR3-B :! A 1 GR3-C :! A 2 GR3-D :! A 2

साहसे श्री: प्रतिवसति ।
Akole Taluka Education Society's
AGASTI ARTS, COMMERCE &
DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE
A/p. Tal. Akole, Dist. Ahmednagar, Pin - 422 601 (Maharashtra)
AIS,HE Code : C-41748

itribai Phule Pune University Best College Award - 2007
\C Aaccredited 'A' Grade

Dr. Bhaskar Shelke
Principal

M.A. M.Phil., Ph.D., D.Litt.
Mob.: 9890686521. Ph. 02424 - 221248
E-mail : shelke_bhaskar@yahoo.com

BY mail

जा. क्र./एसी/विप /निकाल //20 /2022

दिनांक -3 /06 /2022

मा. संचालक ,
परीक्षा व मूल्यमापन मंडळ,
सावित्रीबाई फुले पुणे विद्यापीठ
गणेशखिंड पुणे -7

विषय – निकाल दुरुस्त करून मिळणे बाबत (**Shinde Ravindra Vilas – SYBA 2019 Credit Pattern)**
College Code – 117
PUN. Code – CAAA016190

महोदय,

आमच्या महाविद्यालयातील विद्यार्थी Shinde Ravindra Vilas – SYBA 2019 Credit Pattern या वर्गात शिकत असून Oct – 2021 या सत्र परीक्षेचा निकाल नुकताच ऑनलाईन स्वरूपात विद्यापीठाने जाहीर केलेल्या आहे. सदर विद्यार्थाने खालील 2 विषयांची परीक्षा ऑनलाईन स्वरूपात विद्यापीठाच्या नियमाप्रमाणे दिलेली असून त्या विषयामध्ये तो पास आहे. परंतु online निकाल पाहीला असता त्यामध्ये तो नापास दाखविलेला आहे. तरी त्याचा निकाल दुरुस्त करून मिळवा ही विनंती.

(डॉ. भास्कर शेळके)
प्राचार्य,
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

सोबत :-
1) विद्यार्थी विनंती अर्ज
2) ऑनलाईन निकाल
3) ऑनलाईन परीक्षा Score
4) विद्यापीठाने पाठविलेले Ledger

दि. 3/06/2022

मा. प्राचार्य
आगस्ती कला, वाणिज्य व
दादासाहेब रुपवते विज्ञान महाविद्यालय
अकोले

अर्जदार - रविंद्र विलास शिंदे
S/BA

विषय - माझ्या Result मध्ये printing mistake
झाली आहे ती दुरुस्त करणे बाबत

मा. प्राचार्य सर
मी रविंद्र विलास शिंदे S/BA या वर्षात
शिकत आहे मी सर्व विषयांमध्ये उत्तीर्ण आहे माझा
Result जाहीर झाला परंतु तो दुरुस्तीची पुर्वीच
का तपासली करून योग्य ते मार्गदर्शन करावे

हिंदी - 31 मार्क्स
इतिहास - 28 मार्क्स
मिळालेले आहेत ती माझ्या योग्य ते
सहकार्य करावे ही नम्र विनंती

आपला विश्वासू
Shinde

सोबत Result ची Xerox प्रत जोडली आहे
मो. 9529385416

Show Result

Print

SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)
GANESHKHIND, PUNE 411007.

anch : BACHELOR OF ARTS (2019) - OCTOBER 2021
atNo : 72249 Centre : 0117 Perm Reg No(PRN) : 1182042480
udent Name : SHINDE RAVINDRA VILAS Mother Name : LATA
it.Name : 0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE AKOLEANAGAR

SUBJECT : POLITICAL SCIENCE

M	SUBCODE	SUBJECT NAME	Crd	Grd	Grd
	23001	COMPULSORY ENGLISH	3	A	024
	23012	MIL-2 HINDI BHASHA SHIKSHAN	0	F	000
	23161	DSE-1A WESTERN POLITICAL THOUGHT	3	B	018
	23162	DSE-2A POLITICAL JOURNALISM	3	A	024
	23164	CC-2C AN INTRODUCTION TO POLITICAL IDEOLOGIES	3	B+	021
	23165	SEC-2A BASICS OF INDIAN CONSTITUTION	2	A	016
	23174	CC-1C HISTORY OF THE MARATHAS :(1630-1707)	0	F	000
	23273	CC-1C G-2 CHHATRAPATI SHIVAJI MAHARAJ AS A NATION BUILDER	3	A	024
	23999	AEC ENVIRONMENTAL SCIENCE	2	A	016

RESULT DATE : 26 May 2022

o results published online are for immediate information only. These cannot be treated as original statement of marks.Please verify
rmation from original statement of marks issued by the Savitribai Phule Pune University separately.

Print

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Savitribai Phule Pune University
Online Exam Score

Instructions regarding online exam score:

- Score shown is out of 50 marks.
- Score shown against subject is not final score or result of that particular subject.
- If you have any query/grievance regarding Online Exam Score displayed below against each subject then raise it from your Student Profile System(SPS) account login.

Faculty Name	ARTS	**Exam Name**	BACHELOR OF ARTS 2019 Credit Pattern
PRN	1182042480	**Seat Number**	72249
Student Name	SHINDE RAVINDRA VILAS	**Mother Name**	LATA
PUNCODE	CAAA016190		

परीक्षा गैरप्रकार (unfair means)
ऑनलाइन परीक्षेचे गुण प्रदर्शित केल्यानंतरही परीक्षा गैरप्रकार (Unfair Means) केस विद्यापीठाच्या निदर्शनास आल्यास, अशा प्रकरणात प्रदर्शित केलेले गुण, परीक्षा गैरप्रकार अंतर्गत राखीव केले जाऊ शकतात. पुढील कार्यवाही परीक्षा प्रमाद समितीच्या निर्णयानुसार केली जाईल

Sr. No.	Unique Key	[Subject Code] Subject Name	Exam Date and Time	Online Exam Score	Remark
1	2007446	[**23165**] SEC-2A BASICS OF INDIAN CONSTITUTION	24/Mar/2022 01.00 PM to 03.00 PM	30	
2	2007011	[**23162**] DSE-2A POLITICAL JOURNALISM	25/Mar/2022 01.00 PM to 03.00 PM	40	
3	2002951	[**23012**] MIL-2 HINDI BHASHA SHIKSHAN	04/May/2022 10.00 AM To 06.00 PM	31	
4	2003970	[**23164**] CC-2C AN INTRODUCTION TO POLITICAL IDEOLOGIES	19/Apr/2022 01.00 PM to 03.00 PM	25	
5	2002739	[**23174**] CC-1C HISTORY OF THE MARATHAS :(1630-1707)	21/Apr/2022 04.00 PM to 06.00 PM	28	

Sr. No.	Unique Key	[Subject Code] Subject Name	Exam Date and Time	Online Exam Score	Remark
6	2006032	[**23273**] CC-1C G-2 CHHATRAPATI SHIVAJI MAHARAJ AS A NATION BUILDER	01/Apr/2022 04.00 PM to 06.00 PM	31	
7	2006374	[**23999**] AEC ENVIRONMENTAL SCIENCE	11/Apr/2022 04.00 PM to 06.00 PM	37	
8	2006253	[**23161**] DSE-1A WESTERN POLITICAL THOUGHT	31/Mar/2022 04.00 PM to 06.00 PM	29	
9	2002404	[**23001**] COMPULSORY ENGLISH	29/Mar/2022 04.00 PM to 06.00 PM	35	

Back

साहसे श्री: प्रतिवसति ।
Akole Taluka Education Society's
AGASTI ARTS, COMMERCE &
DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE
A/p. Tal. Akole, Dist. Ahmednagar, Pin - 422 601 (Maharashtra)

I Savitribai Phule Pune University Best College Award - 2007
NAAC Aaccredited 'A' Grade

Dr. Bhaskar Shelke
Principal

M.A. M.Phil., Ph.D., D.Litt.
Mob.: 9890686521, Ph. 02424 - 221
E-mail : shelke_bhaskar@yahoo.c

BY hand
08/9/2022

जा. क्र./एसी/परीक्षा / ३६ / २०२२

दिनांक - 08/9/2022

प्रति ,

मा. संचालक ,
परीक्षा व मूल्यमापन मंडळ,
सावित्रीबाई फुले पुणे विद्यापीठ
गणेशखिंड पुणे

विषय ;- मार्च/एप्रिल 2022 च्या ऑनलाईन External मार्क Entry बाबत ..

महोदय,

आमच्या महाविद्यालयातील कला शाखेतील ऑनलाईन External मार्क Entry करताना **(23093- आधुनिक काव्य, कहाणी तथा व्यावहारिक हिन्दी, जी-2)** कु साळवे अजिंक्य भाऊसाहेब (SYBA2019 Pattern) या विद्यार्थ्याने सदर विषयाचा पेपर दिला असून ऑनलाईन External मार्क Entry करताना त्याचा बैठक क्रमांक दिसत नाही, तसेच तोच विषय कु. दिघे साक्षी सुनिल (SYBA2019 Pattern) या विद्यार्थिनीला नसून तिचा बैठक क्रमांक ऑनलाईन External मार्क Entry करताना आलेला आहे. त्तरी त्याबाबत योग्य ते मार्गदर्शन करून वरील बदल करून मिळावा जेणेकरून सदर विषयाचे ऑनलाईन External मार्क Entry करताना अडचण येणार नाही.

कळावे,

प्राचार्य,
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

सोबत :-

1.कु साळवे अजिंक्य भाऊसाहेब - हॉलतिकीट (Seat No.62919)
2. कु. दिघे साक्षी सुनिल – हॉलतिकीट (Seat No. 62974)

Savitribai Phule Pune University

(Formerly University of Pune)

HallTicket For B.A. (REV.2019) Mar/Apr 2022

SeatNo	PRN	CentreCode	CollegeCode	PUN Code
62919	1182042459	0117	0117	CAAA016190

Name : SALVE AJINKYA BHAUSAHEB

Mother : VARSHA

Centre : DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE

Sub Code	Subject Name	Type	Exam Date	Exam Time
12001	COMPULSORY ENGLISH-II	I		
23001	COMPULSORY ENGLISH	IE		
23093	CC-1C ADHUNIK KAVYA,KAHANI TATHA VYAVAHARIK HINDI (G-2)	E		
23153	CC-1C FINANCIAL SYSTEM -I	I		
23202	DSE-1A GG220(A) POPULATION GEOGRAPHY -I	E		
23204	CC-1C GG201(A) ENVIRONMENTAL GEOGRAPHY - I	E		
23207	SEC-2A APPLIED COURSE OF DISASTER MANAGEMENT	E		
24001	COMPULSORY ENGLISH	IE		
24012	MIL-2 HINDI BHASHA SHIKSHAN	IE		
24093	CC-1D ADHUNIK HINDI VYANGYA SAHITYA TATHA VYAVAHARIK HINDI	IE		
24153	CC-1D FINANCIAL SYSTEM -II	IE		
24202	DSE-1B GG210(B) POPULATION GEOGRAPHY -II	IE		
24203	DSE-2B GG220(B) PRACT.GEO.-II(CARTOGRAPHIC TECH.,SURVEYING &	P		
24204	CC-1D GG201(B) ENVIRONMENTAL GEOGRAPHY - II	IE		
24207	SEC-2B APPLIED COURSE OF TRAVEL & TOURISM	IE		
24999	AEC ENVIRONMENTAL SCIENCE	IE		
GR2-A	SPORT REPRESENTATION AT COLLEGE LEVEL	G		
GR2-B	SPORT REPRESENTATION AT UNIVERSITY/STATE LEVEL	G		
GR3-A	NATIONAL SOCIAL SERVICE SCHEME (PARTICIPATION IN CAMP)	G		
GR3-B	N.C.C. (WITH PARTICIPATION IN ANNUAL CAMP)	G		
GR3-C	N.C.C. (WITH B CERTIFICATE)	G		
GR3-D	N.C.C. (WITH C CERTIFICATE)	G		
GR3-E	N.S.S: RD /NIC /ADVENTURE /YOUTH CAMPS AT STATE LEVEL	G		
GR3-F	N.S.S/ N.C.C: RD /NIC /ADVENTURE /YOUTH CAMPS PARTICIPATION	G		
GR4-A	AVISHKAR/ INDNADHANUSHYA/ UTKARSH/ AWHAN ACTIVITY PARTICIPAT	G		

Mark Entry (External) Allot

Seat No. टाकणे

प्राचार्य,
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

माहेर मराठी

Savitribai Phule Pune University

(Formerly University of Pune)

HallTicket For B.A. (REV.2019) Mar/Apr 2022

SeatNo	PRN	CentreCode	CollegeCode	PUN Code
62974	1182042277	0117	0117	CAAA016190

Name : DIGHE SAKSHI SUNIL

Mother : VANDANA

Centre : DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE

Sub Code	Subject Name	Type	Exam Date	Exam Time
24001	COMPULSORY ENGLISH	IE		
24012	MIL-2 HINDI BHASHA SHIKSHAN	IE		
24095	CC-2D AECC-2B HINDI KAVYA TATHA KAHANI SAHITYA	IE		
24153	CC-1D FINANCIAL SYSTEM -II	IE		
24161	DSE-1B WESTERN POLITICAL THOUGHT	IE		
24162	DSE-2B POLITICAL JOURNALISM	IE		
24164	CC-2D AN INTRODUCTION TO POLITICAL IDEOLOGIES	IE		
24165	SEC-2B BASICS OF INDIAN CONSTITUTION	IE		
24999	AEC ENVIRONMENTAL SCIENCE	IE		

NOTE:

Students should ensure that details like Name,Photo, PRN, Subjects printed on Hall Ticket are correct. Incase of any discrepancy, please immediately contact to College Exam Officer (CEO).

In Case,College does not have Exam Center,please follow University Circular.

In Case of any discrepancy between hallticket & time table published on university website (http://exam.unipune.ac.in), the timetable on website to be followed.

Signature of Student

College Principal / Director

DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE

प्राचार्य,
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते
विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

Inbox 10
Drafts
Sent 2
Junk

Subject change करून मि... Message 294 of 426

From **Agasti Arts Com.&Dada. Rupwate Sci.C ... Al**
To **Examsupport**
Date **04-08-2021 3:20 pm**

मा.सर,

yevale.jpg(~145 KB)

आमच्या महाविद्यालयातील विद्यार्थीनी कु.येवले आकांक्षा दिनेश FYBA 2019 PATTERN हिने March/April 2021. II SEM चा परीक्षा फॉर्म भरताना आमच्या महाविद्यालयात जो विषय शिकवीला जातो तो न घेता दुसरा विषय (AN INTRO.TO THE CONSTITUTION OF U.S.A.OPTIONAL - Sub Code -11162B) ONLINE परीक्षा फॉर्म भरताना निवडला गेला.

आमच्या महाविद्यालयात शिकविला जाणारा विषय (AN INTRO.TO THE CONSTITUTION OF U.S.A.OPTIONAL - Sub Code -11162A हा विषय HALL TICKET मध्ये ADD करण्यात यावा हि विनंती . विद्यापीठ परिपत्रक 134 दिनांक २२/७/२०२१ प्रमाणे कार्यवाही करताना सदर विषय ADD Subject मध्ये दिसून येत नाही. तरी वरील विद्यार्थीनीचा (Sub Code -11162A) हा विषय hall Ticket मध्ये Add करण्यात यावा हि विनंती .

सोबत - Hall Ticket. (Sub Code -11162B) ऐवजी (Sub Code -11162A)

कळावे,

(प्राचार्य)

--
Akole Taluka Education Society Agasti Arts$$ Commerce and Dadasa

Savitribai Phule Pune University

(Formerly University of Pune)

HallTicket For BACHELOR OF ARTS 2019 Credit Pattern Mar./Apr.2021

SeatNo	PRN	CentreCode	CollegeCode	PUN Code
11323	1182066216	0117	0117	CAAA016190

Name : YEWALE AKANKSHA DINESH

Mother : MANDA

Centre : Agasti Arts, Commerce and Dadasaheb Rupwate Science College

Sub Code	Subject Name	Type	Exam Date	Exam Time
11011	COMPULSORY ENGLISH-I	IEO		
11012	COMPULSORY ENGLISH-II	IE		
11021A	MARATHI SAHITYA : KATHA & BHASHIK KOUSHALYAVIKAS	IE		
11022A	MARATHI SAHITYA : AKANKIKA & BHASHIK KOUSHALYAVIKA	IE		
110A	Physical Geography	IE		
110B	HUMAN GEOGRAPHY	IE		
11151	INDIAN ECONOMIC ENVIRONMENT-I	IEO		
11152	INDIAN ECONOMIC ENVIRONMENT-II	IE		
11161A	INTRODUCTION TO INDIAN CONSTITUTION	IE		
11161B	AN INTRO.TO THE CONSTITUTION OF U.S.A. (OPTIONAL)	IE		
11421	INTRODUCTION TO PHILOSOPHY	IE		
11422	THEMES AND ISSUES IN PHILOSOPHY	IE		
22999	Democracy, Election And Governance	G		
G-1	PHYSICAL EDUCATION (GROUP-I, SEM-I)	G		

NOTE:

Students should ensure that details like Name,Photo, PRN, Subjects printed on Hall Ticket are correct. Incase of any discrepancy, please immediately contact to College Exam Officer (CEO).

In Case,College does not have Exam Center,please follow University Circular.

In Case of any discrepancy between hallticket & time table published on university website (http://exam.unipune.ac.in), the timetable on website to be followed.

Signature of Student

College Principal / Director

Agasti Arts, Commerce and Dadasaheb Rupwate Science College

Fwd: FYBA 2019 Patter... Message 244 of 426

From **Agasti Arts Com.&Dada. Rupwate Sci.C... Al**
To **Examsupport, S & T Arts**
Date **02-12-2021 2:35 pm**

Pathade Pratik Bandu....

Akole Taluka Education Society ie

-------- Original Message ------
--

Subject: FYBA 2019 Pattern Oct/
निकाला बाबत . पठाडे प्रतीक
2019 PATTERN (PRN.NO
1181968639)
Date: 23-11-2021 4:49 pm
From: "Agasti Arts Com.&Dada. Rupwate Sci.CollegeAkole" <caaa016190@pun.unipune.ac.in>
To: S & T Arts <st-arts@pun.unipune.ac.in>, INTMARKS <intmarks@pun.unipune.ac.in>

Dear Sir,

Please Attech a File.

(Principal)

--
Akole Taluka Education Society Agasti Arts$$ Commerce and Dadasahe

साहसे श्री: प्रतिवसति ।

अकोले तालुका एज्युकेशन सोसायटीचे,

अगस्ति कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अकोले

मु.पो.ता. अकोले, जि. अहमदनगर पिन : ४२२ ६०१ (महाराष्ट्र)

। सावित्रीबाई फुले पुणे विद्यापीठ सर्वोत्कृष्ट संलग्न महाविद्यालय–२००७
। नॅक मानांकन : 'अ' दर्जा

डॉ. भास्कर शेळके
प्राचार्य

। M.A. M.Phil., Ph.D., D.Litt.
। Mob.: 9890686521. Ph. 02424 - 22124
। E-mail : shelke_bhaskar@yahoo.com

प्रती ,

मा. संचालक ,
परीक्षा व मूल्यमापन मंडळ,
सावित्रीबाई फुले पुणे विद्यापीठ
गणेशखिंड पुणे

दिनांक -२३/११/२०२१

विषय ;- FYBA 2019 Pattern OCT/NOV- 2020 चा निकालाबाबत ....

महोदय,

आमच्या महाविद्यालयातील विद्यार्थी कु पठाडे प्रतीक बंडू याने FYBA 2019 Pattern विद्यापीठ परीक्षा OCT/NOV-2020 चा शारिरीक शिक्षण(G-1 Physical Education) या विषयाचा पेपर दिला असून सदर विद्यार्थ्याचा निकाल पूर्णतः कोरा आलेला आहे. तरी कृपया विद्यापीठाच्या नियमाप्रमाणे त्याचा निकाल जाहीर करावा ही विनंती.

सोबत –

१) FYBA 2019 Pattern April 2020 Result.
२) FYBA 2019 Pattern Oct 2020 Result.
३) Oct 2020 Exam Form.
४) Oct 2020 Seat No List.
५) विषय शिक्षक (विद्यापीठाला पाठविलेले Marks/Grade List .

(डॉ. भास्कर शेळके)
प्राचार्य
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते
विज्ञान महाविद्यालय,अकोले,जि.अहमदनगर

Savitribai Phule Pune University

Examination Form Oct/Nov 2020

Form No :1619-03042

Course Name First Year BACHELOR OF ARTS 2019 Credit Pattern

PRN: 1181968639 Eligibility No. 12019162357 Total Fee to be Paid: 105

PUNCODE CAAA016190 College (0117) Agasti Arts Commerce and Dadasaheb Rupwate Science College

Instructions to the Candidate:

1.This Exam form along with fee amount should be submitted to the concerned college .
2.Repeater students should attach attested true copy of the latest mark sheet alongwith this form.
3.This form will be considered ONLY AFTER APPROVAL from the concern College Login.

To,
Director,
Board of Examination & Evaluation, Savitribai Phule Pune University, Pune-411 007.
Sir/Madam,
I request permission to present myself at the examination courses, mentioned below .

1.Personal Details:

Name of the Applicant		PATHADE PRATIK BANDU	
Name of the Applicant's Mother		VAISHALI	
Address for Communication		At. Shekewadi. Post. Tal. Akole, Dist. Ahmednagar	
Email-ID	pratikpathade165@gmail.com	Contact Number	9022460127
Gender	Male	Category	OBC
Divyang/Learning Disable	No	Medium of Instruction	Marathi

Applied Subjects Information :

Year/ Sem	Sub Code	Subject Name	Internal	External/ Theory	Grade/ Online	Practical/ Sessional	Project	Oral
2	G-1	PHYSICAL EDUCATION (GROUP-I, SEM-I)	N	N	Y	N	N	N

3. Fee Details

Fee Type	Fee Amount	Remarks
Form Fee	20	
Exam Fee	0	
Passing Certificate Fee	0	
CAP Fee	0	
Statement Of Marks Fee	85	
Project Fee/Dissertation	0	
EVS Fee	0	
Internal Marks Fee	0	
Departmental Fee	0	
Transcript Fee	0	
Late Fee	0	
Fine Fee	0	
Total Fee to Be Paid:	105	

Print Date:3/8/2021 12:48:24 PM

Savitribai Phule Pune University

Examination Session 2020

Marks Inward System for Colleges

2107201034500

College Name	CAAA016190 - A.T.E.SOCIETY'S ARTS,SCIENCE & COMMERCE COLLEGE
Pattern Name	11819 - BACHELOR OF ARTS 2019 Credit Pattern **Batch No** 202010108473
Subject Name	G-1 - Physical Education (Group-I, Sem-I) **Exam Type**
Teacher Name	Bhosale Rahul Rajan (Mob. No.: 9822447377) - Internal Examiner

Total Students	Present Students	Absent Students	Not Applicable	CopyCase	Detained
4	4	0	0	0	0

Seat No	Marks/Grade
14412	B
14519	B
14535	C
14536	B

Online Internal Marks System

Welcome,

Select Appointed Roll.

Internal Examinar

Appointment Details

For F.Y. 2019 Credit Pattern

1) If student available in list but not opted for subject then Mark 'NA' in marks entry

2) Please refer these details only for Grade subjects except Physical education and Environmental studies

O Grade : <= 90% & >= 100% Marks || A+ Grade : <= 75% & >= 89% Marks || A Grade : <= 60% & >= 74% Marks || B+ Grade : <= 55% & >= 59% Marks || B Grade : <= 50% & >= 54% Marks || C Grade : <= 45% & >= 49% Marks || D Grade : <= 40% & >= 44% Marks || F Grade : <= 40% Marks

PUN Code	Inst. Code	Appointment ID	Pattern	Subject	BatchNo	Add/Edit	Priview	Confi
CAAA016190 (0117)	0117	2104102343	BACHELOR OF ARTS 2019 Credit Pattern	Physical Education (Group-I, Sem-I) (G-1 : GRADE)	202010108473	4/4		4/4

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Oct/Nov. 2020

SeatNo	Student Name	Mother	PRN
71701	PAPAL DNYANRAJ SHANTARAM	JIJABAI	1181968633
14518	PARDESHI SUPRIYA NARAYANSING	MANGAL	1182042428
71744	PARDHI PRADIP KISAN	SUMAN	1181968637
71702	PARDHI SUVARNA NATHU	GITABAI	1181968638
14519	PATHADE PRATIK BANDU	VAISHALI	1181968639
71689	PATHADE PRATIK BANDU	VAISHALI	1181968639
14520	PATHAN JOHRA SALIM	SUMAIYA	1181968640
71627	PATHAN JOHRA SALIM	SUMAIYA	1181968640
71745	PATHAVE ARUN RAMHARI	SANGITA	1181968641
71657	PATHAVE ASHA RAGHU	MIRABAI	1181968642
71703	PATHAVE KAJAL PANDURANG	RADHABAI	1181968645
14521	PATHAVE MANISHA PRABHAKAR	BHIUBAI	1182042429
14522	PATHAVE MANISHA VIJAY	VANITA	1182042430
71628	PATHAVE NIRMALA VISHNU	VENUBAI	1181968647
14523	PATHAVE PRATIKSHA MADHUKAR	NANDA MADHUKAR PATHAVE	1182042431
14524	PATHAVE RAJU LAXMAN	ALKA	1182042432
14525	PATHAVE SAGAR BHIVAJI	RANJANA	1182042433
71773	PATHAVE SAGAR SAMPAT	ASHA	1181968651
14526	PATHAVE SHANTARAM ULHAS	MALAN	1182042434
14527	PATHAVE SHRIKRUSHN BALU	JAIBAI	1182042435
71746	PATHAVE SONALI SUKHDEO	GANGUBAI	1181968653
14528	PATHAVE SURAJ TATYABA	BIBABAI	1182042436
71629	PATHAVE SUVARNA DAGADU	HIRABAI	1181968656
14529	PATHAVE SWATI BALU	SITA PATHAVE	1182042437
71704	PATHAVE VIKI JAYRAM	HIRABAI	1181968658
14530	PATHVE SARITA RAMHARI	TAIBAI	1182042438
14532	PAWAR ABHISHEK DATTATRAY	PAWAR SANGITA DATTATRAY	1181968659
14533	PAWAR ADITYA SURESH	SAVITA	1181968660
14534	PAWAR AKASH RAVI	MANDA	1182042440
14535	PAWAR ATMARAM RAMNATH	MEENA	1181968661
14536	PAWAR BHAGYASHREE BALASAHEB	PAWAR SANGITA BALASAHEB	1181968662
71774	PAWAR BHAGYASHREE BALASAHEB	PAWAR SANGITA BALASAHEB	1181968662

Sr.No.:

ID No: PUPUNSC018/1974

राहुरी श्री. प्रतिष्ठान /

AKOLE TALUKA EDUCATION SOCIETY'S

AGASTI ARTS, COMMERCE AND DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE

TAL.: AKOLE, DIST.: AHMEDNAGAR. (PIN : 422 601)

(AFFILIATED TO SAVITRIBAI PHULE PUNE UNIVESITY)

STATEMENT OF GRADES FOR: BA 2019 Pattern — Oct-2020

SEAT NO.: 14519 — **CENTRE:** CAAA016190 — **PERM REG. NO.:** 1181968639

NAME: PATHADE PRATIK BANDU **MOTHER:** VAISHALI

Crd	Grd	Grd Pnt	Crd Pnt

Medium of Instruction: Marathi

STATEMENT NO.: 43

DATE: 24/Jun/2021

PRINCIPAL

वाहते श्री प्रतिष्ठानति ।

AKOLE TALUKA EDUCATION SOCIETY'S

AGASTI ARTS, COMMERCE AND DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE

TAL.: AKOLE, DIST.: AHMEDNAGAR. (PIN : 422 601)

(AFFILIATED TO SAVITRIBAI PHULE PUNE UNIVESITY)

STATEMENT OF GRADES FOR: BA 2019 Pattern Apr-2020

SEAT NO.: 10471 **CENTRE: CAAA016190** **PERM REG. NO.: 1181968639**

NAME: PATHADE PRATIK BANDU MOTHER: VAISHALI

	Crd	Grd	Grd Pnt	Crd Pnt
11011-COMPULSORY ENGLISH-I	3	B+	7	21
11021A-MARATHI SAHITYA : KATHA & BHASHIK KOUSHALYAVIKAS	3	A+	9	27
110A-PHYSICAL GEOGRAPHY	3	A	8	24
11171-EARLY INDIA : FROM PREHISTORY TO THE AGE OF MAURYAS	3	A+	9	27
11361-TRADITIONAL LOGIC	3	O	10	30
11421-INTRODUCTION TO PHILOSOPHY	3	A+	9	27

First Sem SGPA : 8.667 Credits Earned/Total : 18/18 Total Credit Points: 156

* 11012-COMPULSORY ENGLISH-II	3	A	8	24
* 11022A-MARATHI SAHITYA : AKANKIKA & BHASHIK KOUSHALYAVIKAS	3	A+	9	27
* 110B-HUMAN GEOGRAPHY	3	A+	9	27
* 11172-EARLY INDIA :POST MAURYAN AGE TO THE RASHTRAKUTAS	3	A+	9	27
* 11362-PROPOSITIONAL LOGIC	3	A+	9	27
* 11422-THEMES AND ISSUES IN PHILOSOPHY	3	A+	9	27
* G-I-PHYSICAL EDUCATION (GROUP-I, SEM-I)	2	F		

Second Sem SGPA : ----- Credits Earned/Total : 18/18 Total Credit Points: 159

First Year Result : Fail A.T.K.T. Total Credits Earned : 36/36

EST. 1974 TAL - AKOLE DISTRICT AHMEDNAGAR

PRINCIPAL

Medium of Instruction: Marathi

STATEMENT NO.: 212

DATE: 31/Jul/2020

Grievance Cell

Faculty – Commerce

Years	Total Students For Final Year Examination	Revaluated Students	Total Students Complaints/ GrievanceS About Examination
2021-22	117	1)Wakchaure Akash Govind 2)Wakchaure Shushan Madhav 3) Bhutambare Sagar Shubhash	100% 100% 100%
2020-21	240	1)Jagdhane Suchitra Anil 2)Darade Nilam Vilas 3)Damse Bhausaheb Balu	100% 100% 100%
2019-20	190	1)Madhe Sonali Bhoru 2)Dhekane Sarika Vilas 3)Vaidya Ravindra Shivaji	100% 100%
2018-19	178	1)Chaskar Pushpalata Namdev	100%
2017-18	215	-	-

College Exam Officer

College Exam. Officer,
Agasti Arts,Commerce & Dadasaheb
Rupwate Science College,Akole,
Tal.Akole, Dist.Ahmednagar

Principal

PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE

Fwd: T.Y BCom 2019 Pa... Message 33 of 426

From **Agasti Arts, Comm. & Dadasaheb Rup**
To **Osd exam, Osd exam**
Date **22-11-2022 10:22 am**

All Ledger.pdf(~2.9 MB)
File 4.pdf(~2.0 MB)
File 3.pdf(~851 KB)
File 2.pdf(~851 KB)
File 1.pdf(~922 KB)

Download all attachments

Akole Taluka Education Society
Agasti Arts, Commerce and Dada:
Tal.- Akole, Dist.- Ahmednaj
Pun Code: CAAA016190
College Code: 117 Centre Code

-------- Original Message ------
--

Subject: T.Y BCom 2019 Pattern March/April 2022 निकाल दुरुस्तीसाठी All Result Ledger.
Date: 21-11-2022 10:40 pm
From: "Agasti Arts, Comm. & Dadasaheb Rupwate Science College, Akole" <caaa016190@pun.unipune.ac.in>
To: Examsupport <examsupport@pun.unipune.ac.in>, S & T Commerce <st-commerce@pun.unipune.ac.in>, osd.exam@unipune.ec.in

Dear Sir/Madam

Please, Find attach the file.

(Principle)

--
Akole Taluka Education Society's.
Agasti Arts, Commerce and Dadasaheb Rupwate Science College, Akole
Tal.- Akole, Dist.- Ahmednagar (422601)
Pun Code: CAAA016190
College Code: 117 Centre Code: 065

साहस श्री: प्रतिवसति।
Akole Taluka Education Society's
AGASTI ARTS, COMMERCE &
DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE
A/p. Tal. Akole, Dist. Ahmednagar, Pin - 422 601 (Maharashtra)

Tribal Phule Pune University Best College Award - 2007
NAAC Aaccredited 'A' Grade

Dr. Bhaskar Shelke
Principal

M.A. M.Phil., Ph.D., D.Litt.
Mob.: 9890686521, Ph.:02424 - 221248
E-mail : shelke_bhaskar@yahoo.com

जा. क्र./एसी/ Resut /५०/२०२१

दिनांक – 11 /10 /2022

प्रती

मा. संचालक ,
परीक्षा व मूल्यमापन मंडळ,
सावित्रीबाई फुले पुणे विद्यापीठ
गणेशखिंड पुणे

विषय :- TYBCOM 2019 Pattern Result दुरुस्त करून मिळणे बाबत ..

महोदय,

आमच्या महाविद्यालयातील खालील विद्यार्थ्यांचे TYBCOM 2019 Pattern विद्यापीठ परीक्षा March /April 2022 (नियोजन July/August 2022) मध्ये Sem – VI ची परीक्षा दिलेली आहे. परंतु त्यांचा SEM –V चा निकाल Fail दाखविण्यात आलेला आहे. (सदर विद्यार्थी SEM –V ची फेर परीक्षा देऊन पास झालेले आहेत.)त्यांचे शैक्षणिक नुकसान होऊ नये ही विनंती.

तरी कृपया त्यांचा निकाल दुरुस्त करून मिळवा ही विनंती.

२) श्री. वाकचौरे आकाश गोविंद – PRN 1201959106
३) श्री. वाकचौरे सुशांत माधव – PRN 1201959113
४) भूतांबरे सागर सुभाष – PRN 1201959009

(भास्कर शेळके)
प्राचार्य,
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते
विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

सोबत–

१) विद्यार्थी विनंती अर्ज
२) SEM-V (online score)
३) Collage Ledger
४) March-2022 Result

Date: / /
Page

अर्ज

प्रति, मा. प्राचार्य,
अगस्ती कला वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अकोले.

विषय - तृतीय वर्ष Bcom च्या sem-5 चे गुण अंतीम निकालात भरणेबाबत,.

महोदय,
मी, कुमारी कुनांबरे सागर सुभाष या महाविद्यालयात शिकत होतो, परंतु sem-5 चे विषयांचे मार्कस् काही- अडचणीमुळे भरले गेले नाहीत. बाकी सर्व सेमिस्टर clear आहेत, परंतु sem-5 चे मार्क न भरल्याकारणे निकाल अनुत्तिर्ण दाखविले जाते, त्या करिता त्या गुणांची प्रत जोडली आहे. तरी माहिती भरुन निकाल दुरुस्त करुन देणेबाबत ही विनंती.

आपला विश्वासू,
(सागर कुनांबरे)
Kunambare

मो- 8262860349

-culty ame	COMMERCE	Exam Name	BACHELOR OF COMMERCE 2019 Credit Pattern
PRN	1201959009	Seat Number	129287
Student Name	BHUTAMBARE SAGAR SUBHASH	Mother Name	JANABAI
PUNCODE	CAAA016190		

परीक्षा गैरप्रकार (unfair means)

ऑनलाइन परीक्षेचे गुण प्रदर्शित केल्यानंतरही परीक्षा गैरप्रकार (Unfair Means) केस विद्यापीठाच्या निदर्शनास आल्यास, अशा प्रकरणात प्रदर्शित केलेले गुण, परीक्षा गैरप्रकार अंतर्गत राखीव केले जाऊ शकतात. पुढील कार्यवाही परीक्षा प्रमाद समितीच्या निर्णयानुसार केली जाईल

Sr. No.	Unique Key	[Subject Code] Subject Name	Exam Date and Time	Online Exam Score	Remark
1	3008918	[353B] INTERNATIONAL ECONOMICS -I	04/Mar/2022 01.00 PM To 03.00 PM	40	
2	3009233	[355A] BUSINESS ADMINISTRATION - II	08/Mar/2022 01.00 PM To 03.00 PM	26	
3	3009356	[354] AUDITING & TAXATION -I	07/Mar/2022 01.00 PM To 03.00 PM	35	
4	3009359	[351] BUSINESS REGULATORY FRAMEWORK -I	02/Mar/2022 01.00 PM To 03.00 PM	50	
5	3009248	[352] ADVANCED ACCOUNTING -I	03/Mar/2022 01.00 PM To 03.00 PM	42	
6	3009427	[356A] BUSINESS ADMINISTRATION - III	09/Mar/2022 01.00 PM To 03.00 PM	43	

20 * 40 B 3 243 : 14 29 * 43 D 3 244 : 16 48 * 56 B+ 3 245 : 12 39 * 51 B 3
16 23 * 54 B 4 249 : 17 14 * 31 A 2
8.23 (4) 6.14 TOTAL 44 - 316

ZOLEKAR SAKSHI KAILAS SUNDAR F 1202054629 4 F 135318

CT : COST & WORKS ACCOUNTING
: 15 15 37 67 A 4 232 : 23 43 66 A 3 233 : 22 56 78 A+ 3 234 : 24 60 84 A+ 3
5 : 19 67 86 A+ 3 236E : 12 16 39 67 A 4 239 : 17 23 40 A+ 2 241 : 12 17 28 * 57 B+ 4
42 : 19 29 * 48 C 3 243 : 18 28 * 46 C 3 244 : 18 37 * 55 B+ 3 245 : 12 41 * 53 B 3
246E : 20 16 20 * 56 B+ 4 249 : 18 12 * 30 A 2
SGPA : (3) 8.50 (4) 6.41 TOTAL 44 - 328

135319 KANAWADE PRITI LAXMAN PUSHPA F 1202054558 4 F 135319

SUBJECT : BUSINESS ENTREPRENEURSHIP
231 : 12 16 31 59 B+ 4 232 : 23 56 79 A+ 3 233 : 22 56 78 A+ 3 234 : 12 50 62 A 3
235 : 12 55 67 A 3 236G : 17 15 34 66 A 4 239 : 18 19 37 A * 2 241 : 12 18 28 * 50 B 4
242 : 20 29 * 48 C 3 243 : 18 17 * 35 F FF 244 : 12 23 * 35 F FF 245 : 12 37 * 49 C 3
246G : 12 11 23 * 52 B 4 249 : 20 19 * 39 A+ 2
FAIL A.T.K.T.

135320 MANDLIK SANKET BHAUSAHEB SHOBHA M 1202054577 4 F 135320

SUBJECT : BUSINESS ENTREPRENEURSHIP
231 : 23 16 26 65 A 4 232 : 21 46 67 A 3 233 : 22 48 70 A 3 234 : 14 46 60 A 3
235 : 14 66 80 A+ 3 236G : 17 9 26 52 B 4 239 : 20 10 30 A 2 241 : 20 17 40 * 77 A+ 4
242 : 18 29 * 47 C 3 243 : 22 42 * 64 A 3 244 : 12 50 * 63 A 3 245 : 12 42 * 54 B 3
246G : 12 18 41 * 71 A 4 249 : 19 21 * 40 A+ 2
GPA : (3) 7.77 (4) 7.59 TOTAL 44 - 338

135321 ADHALE VIKRAM SANJAY ALKA M 1202054511 6 FR 135321

The student has been admitted to second year directly for this programme.
SUBJECT : BUSINESS ADMINISTRATION
231 : 20 10 30 60 A 4 232 : 24 295 52 B 3 233 : 21 31 52 B 3 234 : 15 50 65 A 3
235 : 20 43 63 A 3 236A : 18 16 29 63 A 4 239 : 20 17 37 A 2 241 : 28 11 32 71 A 4
242 : 24 53 77 A+ 3 243 : 15 36 51 B 3 244 : 20 39 59 B+ 3 245 : 20 48 68 A 3
246A : 18 16 33 67 A 4 249 : 22 18 40 A+ 2 351 : 18 59 77 A+ 3 352 : 13 57 70 A 3
353B : 23 46 69 A 3 354 : 13 16 33 62 A 4 355A : 22 16 42 80 A+ 4 356A : 21 16 36 73 A 4
361 : 22 32 * 54 B 3 362 : 15 25 * 40 D $ 3 363B : 18 31 * 49 C 3 364 : 24 16 20 * 60 A 4
365A : 18 16 28 * 62 A 4 366A : 24 14 22 * 60 A 4 GR3-B :! P 1 GR3-C :! P 2
GR4-A :! P 1
SGPA : (3) 7.45 (4) 7.82 (5) 8.33 (6) 6.71 TOTAL 86 4 652
TOT.MARKS : 1581/2500 (63.24%) RESULT : FIRST CLASS
$ G.1

07/10/2022 SAVITRIBAI PHULE PUNE UNIVERSITY

RESULT OF THE BACHELOR OF COMMERCE (CHOICE BASED CREDIT SYSTEM) EXAMINATION - APRIL 2022

(COURSE GRADE POINTS:100-90 'O' 10/89-75 A+ 09/74-60 A 08/59-55 B+ 07/54-50 B 06/49-45 C 05/44-40 D 4/39-0 F 0/ Nil Ab 0)
(FINAL GRADE POINTS:9.50-10.00 'O'/8.25-9.49 A+/6.75-8.24 A/5.75-6.74 B+/5.25-5.74 B/4.75-5.24 C/4.00-4.74 D/0.00-3.99 F
P=Previous/*=Appearing/$=0.1/@=0.4/!=0.16)/@=0.16),/Passing:40% for all heads/!=Not considered for calculation of final grade

D117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE,AKOLE,A'NAGAR PAGE : 23

SEAT NO. NAME OF THE CANDIDATE MOTHER SEX P.R.NO. SEM APP RR STAT

135322 ADHAV NIKITA PRADIP ASHA F 1201958993 6 FR 135322

SUBJECT : BUSINESS ADMINISTRATION
231 : 21 10 37 68 A 4 232 : 19 31 50 B 3 233 : 21 31 52 B 3 234 : 12 48 60 A 3
235 : 12 41 53 B 3 236A : 23 17 31 71 A 4 239 : 19 14 33 A 2 241 : 26 11 29 66 A 4
242 : 12 32 44 D 3 243 : 23 42 65 A 3 244 : 20 52 72 A 3 245 : 20 38 58 B+ 3
246A : 23 16 32 71 A 4 249 : 22 20 42 A+ 2 351 : 19 55 74 A 3 352 : 12 42 54 B 3
353B : 25 39 64 A 3 354 : 14 12 34 60 A 4 355A : 21 14 29 64 A 4 356A : 21 15 31 67 A 4
361 : AA 49 * 49 F FF 362 : 16 30 * 46 C 3 363B : 19 32 * 51 B 3 364 : 13 15 20 * 48 C 4
365A : 19 15 34 * 68 A 4 366A : 22 16 25 * 63 A 4 GR4-A :! P 1 GR4-A :! P 3
RESULT : FAIL

135323 BHUTAMBARE SAGAR SUBHASH JANABAI M 1201959009 6 FR 135323

SUBJECT : BUSINESS ADMINISTRATION
231 : 24 10 37 71 A 4 232 : 25 43 68 A 3 233 : 21 42 63 A 3 234 : 15 41 56 B+ 3
235 : 12 55 67 A 3 236A : 22 17 45 84 A+ 4 239 : 23 15 38 A+ 2 241 : 27 11 41 79 A+ 4
242 : 23 32 55 B+ 3 243 : 16 35 51 B 3 244 : 20 48 68 A 3 245 : 20 41 61 A 3
246A : 22 16 40 78 A+ 4 249 : 23 16 39 A+ 2 351 : 19 *AA 12 F FF 352 : 12 *AA 12 F FF
353B : 24 *AA 24 F FF 354 : 21 16 *AA 37 F FF 355A : 18 16 *AA 34 F FF 356A : 20 16 *AA 36 F FF
361 : 23 46 * 69 A 3 362 : 23 34 * 57 B+ 3 363B : 19 43 * 62 A 3 364 : 15 13 19 * 47 C 4
365A : 18 16 32 * 66 A 4 366A : 24 15 25 * 64 A 4 GR4-A :! P 1 GR4-A :! P 3
RESULT : FAIL

135324 CHAUDHARI CHITRA BALASAHEB SUGANDHA F 1201959011 6 FR 135324

SUBJECT : BUSINESS ADMINISTRATION
231 : 16 10 23 49 C 4 232 : 20 36 56 B+ 3 233 : 23 29 52 B 3 234 : 12 34 46 C 3
235 : 12 31 43 D 3 236A : 20 16 36 72 A 4 239 : 22 14 36 A 3 241 : 16 11 26 63 A 4
242 : 22 43 65 A 3 243 : 26 36 62 A 3 244 : 20 42 62 A 3 245 : 20 42 62 A 3
246A : 20 16 37 73 A 4 249 : 21 19 40 A+ 2 351 : 18 50 68 A 3 352 : 12 50 62 A 3
353B : 25 53 78 A+ 3 354 : 18 16 29 63 A 4 355A : 23 16 36 75 A+ 4 356A : 22 16 41 79 A+ 4
361 : 12 44 * 56 B+ 3 362 : 21 41 * 62 A 3 363B : 19 43 * 61 A 3 364 : 15 17 16 * 48 C 4
365A : 20 15 34 * 69 A 4 366A : 24 16 23 * 63 A 4 GR4-A :! P 1 GR4-A :! P 3

SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)
GANESHKHIND, PUNE 411007.

ch : BACHELOR OF COMMERCE (CHOICE BASED CREDIT SYSTEM) - APRIL 2022
atNo : 135323 Centre : 0117 Perm Reg No(PRN) : 1201959009
tudent Name : BHUTAMBARE SAGAR SUBHASH Mother Name : JANABAI
nst.Name : 0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE AKOLE,A'NAGAR

SUBJECT : BUSINESS ADMINISTRATION

SEM	SUBCODE	SUBJECT NAME	Crd	Grd	Grd Pnt
3	231	(231) BUSINESS COMMUNICATION - I	4	A	032
	232	(232) CORPORATE ACCOUNTING - I	3	A	024
	233	(233) BUSINESS ECONOMICS - I (MACRO)	3	A	024
	234	(234) BUSINESS MANAGEMENT - I	3	B+	021
	235	(235) ELEMENTS OF COMPANY LAW - I	3	A	024
	236A	(236A) BUSINESS ADMINISTRATION - I	4	A+	036
	239	(239) AECC-1 ENVIRONMENTAL AWARENESS	2	A+	018
4	241	(241) BUSINESS COMMUNICATION - II	4	A+	036
	242	(242) CORPORATE ACCOUNTING - II	3	B+	021
	243	(243) BUSINESS ECONOMICS - II (MACRO)	3	B	018
	244	(244) BUSINESS MANAGEMENT - II	3	A	024
	245	(245) ELEMENTS OF COMPANY LAW - II	3	A	024
	246A	(246A) BUSINESS ADMINISTRATION - II	4	A+	036
	249	(249) AECC-2 ENVIRONMENTAL AWARENESS	2	A+	018
5	351	(351) BUSINESS REGULATORY FRAMEWORK -I	0	F	000
	352	(352) ADVANCED ACCOUNTING -I	0	F	000
	353B	(353B) INTERNATIONAL ECONOMICS -I	0	F	000
	354	(354) AUDITING & TAXATION -I	0	F	000
	355A	(355A) BUSINESS ADMINISTRATION - II (INCLUSIVE OF INTERNSHIP)	0	F	000
	356A	(356A) BUSINESS ADMINISTRATION - III (INCLUSIVE OF INTERNSHIP)	0	F	000
6	361	(361) BUSINESS REGULATORY FRAMEWORK -II	3	A	024
	362	(362) ADVANCED ACCOUNTING -II	3	B+	021
	363B	(363B) INTERNATIONAL ECONOMICS -II	3	A	024
	364	(364) AUDITING & TAXATION -II	4	C	020
	365A	(365A) BUSINESS ADMINISTRATION - II (INCLUSIVE OF INTERNSHIP)	4	A	032
	366A	(366A) BUSINESS ADMINISTRATION - III (INCLUSIVE OF INTERNSHIP)	4	A	032

F.Y.: CREDITS 46 ADD-ON CREDITS 4 GRADE POINTS 304 RESULT : FAIL RESULT : FAIL

RESULT DATE : 7 October 2022

The results published online are for immediate information only. These cannot be treated as original statement of marks,Please verify the information from original statement of marks issued by the Savitribai Phule Pune University separately.

स्वातंत्र्याच्या अमृत महोत्सवानिमित्त घराघरामध्ये राष्ट्रध्वज फडकवून सहभाग घेऊया...

Date: / /
Page

अर्ज

दि. 10-10-2022.

प्रति

मा. प्राचार्य .....

अगस्ती कला वाणिज्य व दादासाहेब रूपवते विज्ञान महाविद्यालय अकोले.

विषय -: तृतीय वर्ष वाणिज्य या वर्गातील sem-5 चे online exam marks अंतिम निकाला मध्ये Add होणे बाबत.

महोदय,

मी वाकचौरे सुशांत हे माधव आपल्या महाविद्यालयात वाणिज्य विभागात शिक्षण घेत असुन, मी तृतीय वर्ष sem-5 (Goivance) online exam दिलेला असुन त्या exam मध्ये मिळालेले marks अंतिम निकालात Add झालेले नसल्यामुळे आमचा निकाल Fail दाखवत आहे.

तरी आम्हाला मिळालेले sem-5 चे marks अंतिम निकालामध्ये Add होऊन निकाल दुरुस्त होऊन मिळावा.

आपला विश्वासु,
(वाकचौरे सुशांत)
S.M.Vaa

मो. 8080042644

Savitribai Phule Pune University
Online Exam Score

uctions regarding online exam score:

- Score shown is out of 50 marks.
- Score shown against subject is not final score or result of that particular subject.
- If you have any query/grievance regarding Online Exam Score displayed below against each subject then rais from your Student Profile System(SPS) account login.

Faculty Name	COMMERCE	Exam Name	BACHELOR OF COMMERCE 2019 Credit Pattern
N	1201959113	Seat Number	129290
udent Name	WAKCHAURE SUSHANT MADHAV	Mother Name	SUNANDA
PUNCODE	CAAA016190		

रीक्षा गैरप्रकार (unfair means)
ॉनलाइन परीक्षेचे गुण प्रदर्शित केल्यानंतरही परीक्षा गैरप्रकार (Unfair Means) केस विद्यापीठाच्या निदर्शनास आल्या शा प्रकरणात प्रदर्शित केलेले गुण, परीक्षा गैरप्रकार अंतर्गत राखीव केले जाऊ शकतात. पुढील कार्यवाही परीक्षा प्रमा मितीच्या निर्णयानुसार केली जाईल

Sr. No.	Unique Key	[Subject Code] Subject Name	Exam Date and Time	Online Exam Score	Rem
1	3009421	[355G] BUSINESS ENTREPRENEURSHIP - II	08/Mar/2022 01.00 PM To 03.00 PM	49	
2	3009248	[352] ADVANCED ACCOUNTING -I	03/Mar/2022 01.00 PM To 03.00 PM	50	
3	3008918	[353B] INTERNATIONAL ECONOMICS - I	04/Mar/2022 01.00 PM To 03.00 PM	33	
4	3009356	[354] AUDITING & TAXATION -I	07/Mar/2022 01.00 PM To 03.00 PM	44	
5	3009359	[351] BUSINESS REGULATORY FRAMEWORK -I	02/Mar/2022 01.00 PM To 03.00 PM	40	
6	3009418	[356G] BUSINESS ENTREPRENEURSHIP - III	09/Mar/2022 01.00 PM To 03.00 PM	48	

SAVITRIBAI PHULE PUNE UNIVERSITY
(formerly University of Pune)
GANESHKHIND, PUNE 411007.

ch : BACHELOR OF COMMERCE (CHOICE BASED CREDIT SYSTEM) - APRIL 2022

atNo : 135422 Centre : 0117 Perm Reg No(PRN) : 1201959113

udent Name : WAKCHAURE SUSHANT MADHAV Mother Name : SUNANDA

nst.Name : 0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE AKOLE,A'NAGAR

SUBJECT : BUSINESS ENTREPRENEURSHIP

SEM	SUBCODE	SUBJECT NAME	Crd	Grd	Grd Pnt
3	231	(231) BUSINESS COMMUNICATION - I	4	A	032
	232	(232) CORPORATE ACCOUNTING - I	3	A	024
	233	(233) BUSINESS ECONOMICS - I (MACRO)	3	A	024
	234	(234) BUSINESS MANAGEMENT - I	3	A	024
	235	(235) ELEMENTS OF COMPANY LAW - I	3	A+	027
	236G	(236G) BUSINESS ENTREPRENEURSHIP - I	4	A+	036
	239	(239) AECC-1 ENVIRONMENTAL AWARENESS	2	O	020
4	241	(241) BUSINESS COMMUNICATION - II	4	A+	036
	242	(242) CORPORATE ACCOUNTING - II	3	A	024
	243	(243) BUSINESS ECONOMICS - II (MACRO)	3	A+	027
	244	(244) BUSINESS MANAGEMENT - II	3	A+	027
	245	(245) ELEMENTS OF COMPANY LAW - II	3	A+	027
	246G	(246G) BUSINESS ENTREPRENEURSHIP - II	4	A+	036
	249	(249) AECC-2 ENVIRONMENTAL AWARENESS	2	A+	018
5	351	(351) BUSINESS REGULATORY FRAMEWORK -I	0	F	000
	352	(352) ADVANCED ACCOUNTING -I	0	F	000
	353B	(353B) INTERNATIONAL ECONOMICS -I	0	F	000
	354	(354) AUDITING & TAXATION -I	0	F	000
	355G	(355G) BUSINESS ENTREPRENEURSHIP - II (INCLUSIVE OF INTERNSHIP)	0	F	000
	356G	(356G) BUSINESS ENTREPRENEURSHIP - III (INCLUSIVE OF INTERNSHIP)	0	F	000
6	361	(361) BUSINESS REGULATORY FRAMEWORK -II	3	A	024
	362	(362) ADVANCED ACCOUNTING -II	3	B	018
	363B	(363B) INTERNATIONAL ECONOMICS -II	3	C	015
	364	(364) AUDITING & TAXATION -II	4	B+	028
	365G	(365G) BUSINESS ENTREPRENEURSHIP - II (INCLUSIVE OF INTERNSHIP)	4	B	024
	366G	(366G) BUSINESS ENTREPRENEURSHIP - III (INCLUSIVE OF INTERNSHIP)	4	B	024

F.Y.: CREDITS 46 ADD-ON CREDITS 4 GRADE POINTS 293 RESULT : FAIL RESULT : FAIL

RESULT DATE : 7 October 2022 -

The results published online are for immediate information only. These cannot be treated as original statement of marks,Please verify the information from original statement of marks issued by the Savitribai Phule Pune University separately.

स्वातंत्र्याच्या अमृत महोत्सवानिमित्त घराघरामध्ये राष्ट्रध्वज फडकवून सहभाग घेऊया...

SAVITRIBAI PHULE PUNE UNIVERSITY

RESULT OF THE BACHELOR OF COMMERCE (CHOICE BASED CREDIT SYSTEM) EXAMINATION - APRIL 2022

[ADE POINTS:100-90 'O' 10/89-75 A+ 09/74-60 A 08/59-55 B+ 07/54-50 B 06/49-45 C 05/44-40 D 4/39-0 F 0/ Nil Ab 0]

[ADE POINTS:9.50-10.00'O'/8.25-9.49 A+/6.75-8.24 A/5.75-6.74 B+/5.25-5.74 B/4.75-5.24 C/4.00-4.74 D/0.00-3.99 F

ous/*-Appearing/$-0.1/#-0.4/&-0.163/@-0.140.163/Passing:40% for all heads/!-Not considered for calculation of final grade

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DADASAHEB RUPAMATE ARTS, SCIENCE & COMMERCE COLLEGE,AKOLE,A'NAGAR PAGE : 47

SEAT NO.	NAME OF THE CANDIDATE	MOTHER	SEX	P.R.NO.	SEM	APP	RR	STAT
135419	JAGDHANE SUCHITRA ANIL	UJJWALA	F	1202039051	6	F	135419	

The student has been admitted to third year directly for this programme.

SUBJECT : BUSINESS ENTREPRENEURSHIP

351 : 22 48 70 A 3 352 : 18 57 75 A+ 3 353B : 24 48 72 A 3 354 : 22 17 23 62 A 4
355G : 19 18 41 78 A+ 4 356G : 18 18 34 70 A 4 361 : 21 45 * 66 A 3 362 : 23 32 * 55 B+ 3
363B : 18 36 * 54 B 3 364 : 15 17 20 * 52 B 4 365G : 13 18 22 * 53 B 4 366G : 16 17 33 * 66 A 4
GR4-A :! P 1 GR6-A :! P 3
SGPA : (5) 8.33 (6) 8.81 TOTAL 42 4 318
T.Y.MARKS : 773/1200 (64.42%) S.Y.: 61.33% COMBINED: 62.80% RESULT : FIRST CLASS

135420 MAID VAISHNAVI JITENDRA DIVYA F 1201959060 6 F 135420

SUBJECT : BUSINESS ENTREPRENEURSHIP

231 : 28 17 48 93 O 4 232 : 20 52 72 A 3 233 : 22 53 75 A+ 3 234 : 25 66 91 O 3
235 : 25 59 84 A+ 3 236G : 25 18 31 74 A 4 239 : 20 21 41 A+ 2 241 : 22 18 45 85 A+ 4
242 : 22 36 58 B+ 5 243 : 27 43 70 A 3 244 : 25 55 80 A+ 3 245 : 25 59 84 A+ 3
246G : 22 18 34 74 A 4 249 : 23 22 45 O 7 351 : 27 53 80 A+ 3 352 : 28 63 91 O 3
353B : 27 59 86 A+ 3 354 : 22 18 37 77 A+ 4 355G : 25 18 46 89 A+ 4 356G : 22 18 46 86 A+ 4
361 : 26 49 * 75 A+ 3 362 : 25 52 * 77 A+ 3 363B : 23 45 * 68 A 3 364 : 24 19 34 * 77 A+ 4
365G : 14 18 22 * 54 B 4 366G : 16 18 34 * 68 A 4 GR6-A :! P 1 GR6-A :! P 3
SGPA : (1) 8.32 (2) 8.27 (3) 9.00 (4) 8.50 (5) 9.14 (6) 8.10 TOTAL 86 4 747+7
F.Y.TOTAL 46 4 335

% of MARKS : 78.16 CGPA : 8.25 FINAL GRADE : A+ 0.2

135421 MALUNJKAR KISHOR RADHAMA PUSHPA M 1201959061 6 F 135421

SUBJECT : BUSINESS ENTREPRENEURSHIP

231 : 20 16 47 83 A+ 4 232 : 26 49 75 A+ 3 233 : 21 59 80 A+ 3 234 : 20 55 75 A+ 3
235 : 28 57 77 A+ 3 236G : 19 18 21 58 B+ 4 239 : 20 20 40 A+ 2 241 : 28 16 38 82 A+ 4
242 : 22 48 70 A 3 243 : 23 46 69 A 3 244 : 20 56 76 A+ 3 245 : 20 50 70 A 3
246G : 24 17 39 80 A+ 4 249 : 24 21 45 O 2 351 : 21 45 66 A 3 352 : 12 52 64 A 3
353B : 23 49 72 A 3 354 : 14 18 35 67 A 4 355G : 24 17 36 77 A+ 4 356G : 23 17 42 82 A+ 4
361 : 21 47 * 68 A 3 362 : 12 45 * 57 B+ 3 363B : 15 40 * 55 B+ 3 364 : 17 16 26 * 59 B+ 4
365G : 14 17 22 * 53 B 4 366G : 15 18 28 * 61 A 4 GR4-A :! P 3 GR6-A :! P 3
SGPA : (1) 7.59 (2) 8.14 (3) 8.68 (4) 8.68 (5) 8.38 (6) 7.14 TOTAL 86 4 707
F.Y.TOTAL 46 4 360

% of MARKS : 78.44 CGPA : 8.08 FINAL GRADE : A

135422 WARCHAURE SUSHANT MADHAV SUNANDA M 1201959113 6 F 135422

SUBJECT : BUSINESS ENTREPRENEURSHIP

231 : 24 15 31 72 A 4 232 : 25 35 60 A 3 233 : 21 52 73 A 3 234 : 20 52 72 A 3
235 : 20 67 87 A+ 3 236G : 24 17 35 76 A+ 4 239 : 23 22 45 O 2 241 : 28 15 43 86 A+ 4
242 : 24 39 63 A 3 243 : 27 55 82 A+ 3 244 : 20 67 87 A+ 3 245 : 20 63 83 A+ 3
246G : 23 17 45 85 A+ 4 249 : 22 21 43 A+ 2 351 : 24 AA * 24 F FF 352 : 14 AA * 14 F FF
353B : 24 AA * 24 F FF 354 : 10 14 AA * 32 F FF 355G : 20 17 AA * 37 F FF 356G : 17 17 AA * 34 F FF
361 : 22 39 * 61 A 3 362 : 12 39 * 51 B 3 363B : 17 32 * 49 C 3 364 : 19 17 21 * 57 B+ 4
365G : 13 17 23 * 53 B 4 366G : 14 17 20 * 51 B 4 GR4-A :! P 1 GR6-A :! P 3
RESULT : FAIL

07/10/2022 SAVITRIBAI PHULE PUNE UNIVERSITY

RESULT OF THE BACHELOR OF COMMERCE (CHOICE BASED CREDIT SYSTEM) EXAMINATION - APRIL 2022

[COURSE GRADE POINTS:100-90 'O' 10/89-75 A+ 09/74-60 A 08/59-55 B+ 07/54-50 B 06/49-45 C 05/44-40 D 4/39-0 F 0/ Nil Ab 0]

[FINAL GRADE POINTS:9.50-10.00'O'/8.25-9.49 A+/6.75-8.24 A/5.75-6.74 B+/5.25-5.74 B/4.75-5.24 C/4.00-4.74 D/0.00-3.99 F

P-Previous/*-Appearing/$-0.1/#-0.4/&-0.163/@-0.140.163/Passing:40% for all heads/!-Not considered for calculation of final grade

---

0117 DADASAHEB RUPAMATE ARTS, SCIENCE & COMMERCE COLLEGE,AKOLE,A'NAGAR PAGE : 48

SEAT NO.	NAME OF THE CANDIDATE	MOTHER	SEX	P.R.NO.	SEM	APP	RR	STAT
135423	WALKE SUJIT RAVINDRA	SANGITA	M	1201959114	6	F	135423	

SUBJECT : BUSINESS ENTREPRENEURSHIP

231 : 12 13 38 63 A 4 232 : 24 43 67 A 3 233 : 21 59 80 A+ 3 234 : 20 50 70 A 3
235 : 20 56 76 A+ 3 236G : 26 17 32 75 A+ 4 239 : 22 24 46 O 2 241 : 28 14 47 89 A+ 4
242 : 24 61 87 A+ 3 243 : 27 55 82 A+ 3 244 : 20 69 89 A+ 3 245 : 20 60 80 A+ 3
246G : 22 16 35 73 A 4 249 : 23 23 46 O 2 351 : 12 62 74 A 3 352 : 14 69 83 A+ 3
353B : 23 53 76 A+ 3 354 : 15 16 40 71 A 4 355G : 21 16 45 82 A+ 4 356G : 17 16 49 82 A+ 4
361 : 19 53 * 72 A 3 362 : 19 44 * 63 A 3 363B : 20 48 * 68 A 3 364 : 13 15 26 * 54 B 4
365G : 13 17 29 * 59 B+ 4 366G : 15 17 35 * 67 A 4 GR4-A :! P 1 GR6-A :! P 3
SGPA : (1) 5.68 (2) 8.00 (3) 8.64 (4) 8.91 (5) 8.67 (6) 7.63 TOTAL 86 4 724
F.Y.TOTAL 46 4 318

% of MARKS : 74.96 CGPA : 7.89 FINAL GRADE : A-

NO.OF STUDENTS : 208

Date : / /
Page

अर्ज. दि. 10-10-2022.

प्रति,
मा-प्राचार्य,
अमरावती कला वाणीज्य व दादासाहेब रूपवते विद्या-
मराविद्यालय अकोले.

विषय : तृतीय वर्ष वाणीज्य या वर्गातील Sem-5 चे
Online Exam Marks Result मध्ये Add
होणे बाबत.....

महोदय :

मी वाकचौरे आकाश गोविंद आपल्या मराविद्यालय वाणीज्य विभागात शिक्षण घेतले असून मी Sem-5 (Grivance) Exam दिलेली असून या Exam मध्ये मार्क्स मिळाले आहेत Marks नसल्यामुळे आमचा Result Final result मध्ये Add तरी आम्हाला Sem-5 मध्ये मिळालेले Result Fail आलेला आहे Marks हे Result मध्ये Add होऊन निकाल Ghost करून मिळावा ही विनंती.

आपला विश्वासू,
(आकाश वाकचौरे)

Mob :- 9022094440

Savitribai Phule Pune University
Online Exam Score

ctions regarding online exam score:

Score shown is out of 50 marks.

- Score shown against subject is not final score or result of that particular subject.
- If you have any query/grievance regarding Online Exam Score displayed below against each subject then rais from your Student Profile System(SPS) account login.

Faculty Name	COMMERCE	Exam Name	BACHELOR OF COMMERCE 2019 Credit Pattern
PRN	1201959106	Seat Number	129289
Student Name	WAKCHAURE AKASH GOVIND	Mother Name	ASHA
PUNCODE	CAAA016190		

परीक्षा गैरप्रकार (unfair means)

ऑनलाइन परीक्षेचे गुण प्रदर्शित केल्यानंतरही परीक्षा गैरप्रकार (Unfair Means) केस विद्यापीठाच्या निदर्शनास आल्या शा प्रकरणात प्रदर्शित केलेले गुण, परीक्षा गैरप्रकार अंतर्गत राखीव केले जाऊ शकतात. पुढील कार्यवाही परीक्षा प्रमा मितीच्या निर्णयानुसार केली जाईल

Sr. No.	Unique Key	[Subject Code] Subject Name	Exam Date and Time	Online Exam Score	Rem
1	3009357	[356E] COST AND WORKS ACCOUNTING - III	09/Mar/2022 01.00 PM To 03.00 PM	38	
2	3009359	[351] BUSINESS REGULATORY FRAMEWORK -I	02/Mar/2022 01.00 PM To 03.00 PM	45	
3	3009356	[354] AUDITING & TAXATION -I	07/Mar/2022 01.00 PM To 03.00 PM	38	
4	3009248	[352] ADVANCED ACCOUNTING -I	03/Mar/2022 01.00 PM To 03.00 PM	50	
5	3008918	[353B] INTERNATIONAL ECONOMICS - I	04/Mar/2022 01.00 PM To 03.00 PM	43	
6	3009249	[355E] COST AND WORKS ACCOUNTING - II	08/Mar/2022 01.00 PM To 03.00 PM	36	

SAVITRIBAI PHULE PUNE UNIVERSITY

RESULT OF THE BACHELOR OF COMMERCE (CHOICE BASED CREDIT SYSTEM) EXAMINATION - APRIL 2022

[COURSE GRADE POINTS:100-90 'O' 10/89-75 A+ 09/74-60 A 08/59-55 B+ 07/54-50 B 06/49-45 C 05/44-40 D 4/39-0 F 0/ Nil Ab 0]

[FINAL GRADE POINTS:9.50-10.00'O'/8.25-9.49 A+/6.75-8.24 A/5.75-6.74 B+/5.25-5.74 B/4.75-5.24 C/4.00-4.74 D/0.00-3.99 F

P=Previous/*=Appearing/$=0.1/#=0.4/&=0.163/@=0.140.163/Passing:40% for all heads/!=Not considered for calculation of final grade

0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE, AKOLE, A'NAGAR — PAGE : 44

SEAT NO. | NAME OF THE CANDIDATE | MOTHER | SEX | P.R.NO. | SEM | APP | RR STAT

135407 SHAIKH ALNOOR RAHIMODDIN — NOORBANO — F — 1201959090 — 6 — F — 135407

SUBJECT : COST & WORKS ACCOUNTING

231 :	28	18	46	92	O	4	232 :	26	70	96	O	3	233 :	21	64	85	A+	3	234 :	26	55	81	A+	3
235 :	26		57	83	A+	3	236E :	26	19	46	91	O	4	239 :	23	21	44	A+	2	241 :	28	19	42	89	A+	4
242 :	25		62	87	A+	3	243 :	27	55	82	A+	3	244 :	27	56	83	A+	3	245 :	27		49	76	A+	3
246E :	27	18	42	87	A+	4	249 :	23	19	42	A+	2	351 :	26	62	88	A+	3	352 :	28		70	98	O	3
353B :	27		39	66	A	3	354 :	28	17	42	87	A+	4	355E :	25	18	36	79	A+	4	356E :	24	19	41	84	A+	4
361 :	28		43	* 71	A	3	362 :	25	63	* 88	A+	4	363B :	22	54	* 76	A+	3	364 :	22	19	34	* 75	A+	4
365E :	24	18	31	* 73	A	4	366E :	26	19	43	* 88	A+	4	GR4-A :				P	1	GR6-A :				P	3
SGPA :	(1) 8.41		(2) 9.00		(3) 9.50		(4) 9.00		(5) 9.00		(6) 8.67									TOTAL	86	4			738
																				F.Y.TOTAL	46	4			399

% of MARKS : 83.64 CGPA : 8.92 FINAL GRADE : A+

135408 SHAIKH HEENA MAHEBOOB — JAMILA — F — 1201959091 — 6 — F — 135408

SUBJECT : COST & WORKS ACCOUNTING

231 :	26	15	25	66	A	4	232 :	26	28	54	B	3	233 :	21	56	77	A+	3	234 :	20	53	73	A	3
235 :	18		62	80	A+	3	236E :	25	19	35	79	A+	4	239 :	22	21	43	A+	2	241 :	28	15	37	80	A+	4
242 :	25		50	75	A+	3	243 :	27	39	66	A	3	244 :	25	55	80	A+	3	245 :	25		52	77	A+	3
246E :	25	18	26	69	A	4	249 :	22	25	47	O	2	351 :	18	57	75	A+	3	352 :	20		59	79	A+	3
353B :	23		48	71	A	3	354 :	14	18	30	62	A	4	355E :	12	16	27	55	B+	4	356E :	14	17	35	66	A	4
361 :	AA		45	* 45	F	4	362 :	15	33	* 48	C	3	363B :	20	38	* 58	B+	3	364 :	13	12	23	* 48	C	4
365E :	12	8	20	* 40	D	4	366E :	14	14	43	* 73	A	4	GR4-A :				P	1	GR6-A :				P	3

RESULT : FAIL

135409 SHINGADE SHUBHAM RAOSAHEB — ROHINI — M — 1201959097 — 6 — F — 135409

SUBJECT : COST & WORKS ACCOUNTING

231 :	26	14	38	78	A+	4	232 :	22	53	75	A+	3	233 :	21	53	74	A	3	234 :	20	62	82	A+	3
235 :	20		60	80	A+	3	236E :	20	13	41	74	A	4	239 :	23	22	45	O	2	241 :	28	14	39	81	A+	4
242 :	22		35	57	B+	3	243 :	26	39	65	A	3	244 :	20	46	66	A	3	245 :	20		50	70	A	3
246E :	20	18	208	58	B+	4	249 :	23	24	47	O	2	351 :	18	52	78	A	3	352 :	16		66	82	A+	3
353B :	23		53	76	A+	3	354 :	21	17	31	69	A	4	355E :	15	14	36	65	A	4	356E :	12	18	37	67	A	4
361 :	27		45	* 72	A	3	362 :	22	37	* 59	B+	3	363B :	25	37	* 62	A	3	364 :	14	16	21	* 51	B	4
365E :	12	8	26	* 46	C	4	366E :	23	17	43	* 83	A+	4	GR4-A :				P	1	GR6-A :				P	3
SGPA :	(1) 7.77		(2) 8.58		(3) 8.77		(4) 8.05		(5) 8.29		(6) 7.10									TOTAL	86	4			693
																				F.Y.TOTAL	46	4			373

% of MARKS : 76.16 CGPA : 8.08 FINAL GRADE : A + 0.4

135410 UDAWALE KOMAL GORAKSH — SUNITA — F — 1201959100 — 6 — F — 135410

SUBJECT : COST & WORKS ACCOUNTING

231 :	28	14	32	74	A	4	232 :	20	41	61	A	3	233 :	22	55	77	A+	3	234 :	25	69	74	A	3
235 :	25		50	75	A+	3	236E :	25	19	37	81	A+	4	239 :	20	15	35	A	2	241 :	28	15	45	88	A+	4
242 :	25		48	73	A	3	243 :	26	39	65	A	3	244 :	25	46	71	A	3	245 :	20		59	79	A+	3
246E :	25	18	34	77	A+	4	249 :	21	22	43	A+	2	351 :	26	62	88	A+	3	352 :	17		69	86	A+	3
353B :	25		56	81	A+	3	354 :	16	18	31	65	A	4	355E :	14	16	33	63	A	4	356E :	15	16	34	65	A	4
361 :	27		41	* 68	A	3	362 :	21	61	* 82	A+	4	363B :	19	43	* 62	A	3	364 :	21	17	22	* 60	A	4
365E :	21	16	32	* 69	A	4	366E :	23	17	41	* 82	A+	4	GR4-A :				P	1	GR6-A :				P	3
SGPA :	(1) 7.32		(2) 8.27		(3) 8.45		(4) 8.59		(5) 8.43		(6) 8.19									TOTAL	86	4			734+10
																				F.Y.TOTAL	46	4			355

% of MARKS : 72.96 CGPA : 8.25 FINAL GRADE : A+ 0.2

SAVITRIBAI PHULE PUNE UNIVERSITY

07/10/2022

RESULT OF THE BACHELOR OF COMMERCE (CHOICE BASED CREDIT SYSTEM) EXAMINATION - APRIL 2022

[COURSE GRADE POINTS:100-90 'O' 10/89-75 A+ 09/74-60 A 08/59-55 B+ 07/54-50 B 06/49-45 C 05/44-40 D 4/39-0 F 0/ Nil Ab 0]

[FINAL GRADE POINTS:9.50-10.00'O'/8.25-9.49 A+/6.75-8.24 A/5.75-6.74 B+/5.25-5.74 B/4.75-5.24 C/4.00-4.74 D/0.00-3.99 F

P=Previous/*=Appearing/$=0.1/#=0.4/&=0.163/@=0.140.163/Passing:40% for all heads/!=Not considered for calculation of final grade

0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE, AKOLE, A'NAGAR — PAGE : 45

SEAT NO. | NAME OF THE CANDIDATE | MOTHER | SEX | P.R.NO. | SEM | APP | RR STAT

135411 WANCHAURE ADITYA RAMESH — SHANTABAI — M — 1201959105 — 6 — F — 135411

SUBJECT : COST & WORKS ACCOUNTING

231 :	26	16	50	92	O	4	232 :	20	60	80	A+	3	233 :	21	67	88	A+	3	234 :	20	60	80	A+	3
235 :	20		63	83	A+	3	236E :	20	16	28	64	A	4	239 :	20	24	44	A+	2	241 :	28	16	49	93	O	4
242 :	25		42	66	A	3	243 :	26	50	76	A+	3	244 :	20	59	79	A+	3	245 :	20		62	82	A+	3
246E :	25	18	39	82	A+	4	249 :	22	25	47	O	2	351 :	27	53	80	A+	3	352 :	28		69	97	O	3
353B :	26		50	78	A+	3	354 :	26	19	35	80	A+	4	355E :	18	14	33	65	A	4	356E :	27	19	35	81	A+	4
361 :	23		57	* 80	A+	3	362 :	28	65	* 83	A+	3	363B :	24	62	* 86	A+	3	364 :	25	19	32	* 76	A+	4
365E :	19	16	47	* 82	A+	4	366E :	27	19	43	* 89	A+	4	GR4-A :				P	1	GR6-A :				P	3
SGPA :	(1) 8.32		(2) 8.45		(3) 9.00		(4) 9.14		(5) 8.95		(6) 9.00									TOTAL	86	4			776
																				F.Y.TOTAL	46	4			383

% of MARKS : 81.24 CGPA : 8.78 FINAL GRADE : A+

135412 WANCHAURE AKASH GOVIND — ASHA — M — 1201959106 — 6 — F — 135412

SUBJECT : COST & WORKS ACCOUNTING

231 :	26	14	42	82	A+	4	232 :	23	39	62	A	3	233 :	21	60	81	A+	3	234 :	20	63	83	A+	3
235 :	20		64	84	A+	3	236E :	20	13	36	69	A	4	239 :	21	20	41	A+	2	241 :	27	14	41	82	A+	4
242 :	25		46	71	A	3	243 :	27	43	70	A	3	244 :	20	67	87	A+	3	245 :	20		57	77	A+	3

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                38  45   83  A+   4   249 :  21      25    46  O    2   351 :  18      AA  * 18  F FF     352 :  12      AA  * 12  F FF
                    AA  * 16  F FF     354 :  12   8  AA  * 20  F FF     355E :  15  15  AA  * 30  F FF     356E :  12   8  AA  * 20  F FF
                    48  * 67  A    3   362 :  14      51  * 65  A    3   363B :  12      35  * 47  C    3   364 :  12  14  25  * 51  B    4
                7  12  38  * 67  A    4   366E :  12  17  43  * 72  A    4   GR4-A :!                P    1   GR6-A :!                P    3
              FAIL
-----------------------------------------------------------------------------------------------------------------------------------------------
      / WANCHAURE SANKET POPAT                              LATA                 M   1201959110  6  F                                  135413

JECT : COST & WORKS ACCOUNTING
1 :  26  14  46   86  A+   4   232 :  21      29    50  B    3   233 :  21      53   74  A    3   234 :  20      57   77  A+   3
35 :  20      50   70  A    3   236E :  20  13  38   71  A    4   239 :  21      18   39  A+   2   241 :  28  14  40   82  A+   4
242 :  22      41   63  A    3   243 :  27      38   65  A    3   244 :  20      59   79  A+   3   245 :  20      50   70  A    3
246E :  20  18  40   78  A+   4   249 :  21      24   45  O    2   351 :  21      45   66  A    3   352 :  27      67   94  O    3
353B :  23      50   73  A    3   354 :  17  14  38   69  A    4   355E :  13  16  32   61  A    4   356E :  27  17  41   85  A+   4
361 :  24      40  * 64  A    3   362 :  12      54  * 66  A    3   363B :  18      37  * 55  B+   3   364 :  12  17  24  * 53  B    4
365E :  17  16  13  * 46  C    4   366E :  12  16  33  * 61  A    4   GR4-A :!                P    1   GR6-A :!                P    3
SGPA : (1) 7.32 (2) 7.77 (3) 8.14 (4) 8.68 (5) 8.48 (6) 6.90                                                TOTAL  86    4            693
                                                                                                          F.Y.TOTAL  46    4            346

% of MARKS :  69.68 CGPA :   7.87 FINAL GRADE : A
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135414 WANCHAURE SATALI SANJAY                              ANITA                F   1201959111  6  F                                  135414

SUBJECT : COST & WORKS ACCOUNTING
231 :  26  16  38   80  A+   4   232 :  20      42   62  A    3   233 :  21      43   64  A    3   234 :  20      50   70  A    3
235 :  21      50   71  A    3   236E :  20  13  24   57  B+   4   239 :  21      17   38  A+   2   241 :  26  17  43   86  A+   4
242 :  20      43   63  A    3   243 :  26      43   69  A    3   244 :  20      55   75  A+   3   245 :  25      66   91  O    3
246E :  25  18  25   68  A    4   249 :  20      24   44  A+   2   351 :  24      64   88  A+   3   352 :  17      60   77  A+   3
353B :  25      41   66  A    3   354 :  22  17  34   73  A    4   355E :  21  16  27   64  A    4   356E :  29  19  35   83  A+   4
361 :  25      60  * 85  A+   3   362 :  23      47  * 70  A    3   363B :  19      38  * 57  B+   3   364 :  19  17  25  * 61  A    4
365E :  17  16  38  * 71  A    4   366E :  27  18  43  * 88  A+   4   GR4-A :!                P    1   GR6-A :!                P    3
SGPA : (1) 8.18 (2) 8.27 (3) 8.09 (4) 8.68 (5) 8.48 (6) 8.19                                                TOTAL  86    4            719
                                                                                                          F.Y.TOTAL  46    4            376

% of MARKS :  72.84 CGPA :   8.31 FINAL GRADE : A+
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07/10/2022                                  SAVITRIBAI PHULE PUNE UNIVERSITY                                                    PAGE :  46
                  RESULT OF THE BACHELOR OF COMMERCE (CHOICE BASED CREDIT SYSTEM) EXAMINATION - APRIL 2022
(COURSE GRADE POINTS:100-90 'O' 10/89-75 A+ 09/74-60 A 08/59-55 B+ 07/54-50 B 06/49-45 C 05/44-40 D 4/39-0 F 0/ NIL Ab 0)
(FINAL GRADE POINTS:9.50-10.00'O'/8.25-9.49 A+/6.75-8.24 A/5.75-6.74 B+/5.25-5.74 B/4.75-5.24 C/4.00-4.74 D/0.00-3.99 F
P=Previous/*=Appearing/$=0.1/@=0.4/#=0.16J/@=0.16J0.163/Passing:40% for all heads/!=Not considered for calculation of final grade
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0117 BADASAHEB MUPAMATE ARTS, SCIENCE & COMMERCE COLLEGE,AKOLE,A'NAGAR                                                          PAGE :  46
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SEAT NO.          NAME OF THE CANDIDATE                     MOTHER                SEX    P.R.NO.   SEM APP                      RR STAT
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135415 KALUNJ MITUJA UTTAM                                  SAVITA                F    1201959115  6   F                            135415

SUBJECT : COST & WORKS ACCOUNTING
231 :  26  10  26   62  A    4   232 :  24      52   76  A+   3   233 :  20      56   76  A+   3   234 :  20      64   84  A+   3
235 :  25      52   77  A+   3   236E :  25  16  39   80  A+   4   239 :  23      25   48  O    2   241 :  26  10  32   68  A    4
242 :  20      46   66  A    3   243 :  26      41   67  A    3   244 :  25      53   78  A+   3   245 :  20      46   66  A    3
246E :  25  18  38   81  A+   4   249 :  20      25   45  O    2   351 :  26      55   81  A+   3   352 :  15      60   75  A+   3
353B :  26      60   86  A+   3   354 :  21  17  43   81  A+   4   355E :  21  16  34   71  A    4   356E :  25  18  44   87  A+   4
361 :  27      54  * 81  A+   3   362 :  24      45  * 69  A    3   363B :  20      39  * 59  B+   3   364 :  20  17  27  * 64  A    4
365E :  17  16  42  * 75  A+   4   366E :  14  17  43  * 74  A    4   GR4-A :!                P    1   GR6-A :!                P    3
SGPA : (1) 7.73 (2) 8.45 (3) 8.91 (4) 8.50 (5) 8.81 (6) 8.19                                                TOTAL  86    4            740
                                                                                                          F.Y.TOTAL  46    4            370

% of MARKS :  75.08 CGPA :   8.41 FINAL GRADE : A+
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135416 YELMAME SANDIP BHAUSAHEB                             ANUSAYA               M   1201959116  6  F                                  135416

SUBJECT : COST & WORKS ACCOUNTING
231 :  26  16  40   82  A+   4   232 :  18      63   81  A+   3   233 :  20      53   73  A    3   234 :  20      45   65  A    3
235 :  20      48   84  A+   3   236E :  25  13  32   70  A    4   239 :  21      17   38  A+   2   241 :  28  16  29   73  A    4
242 :  19      41   60  A    3   243 :  20      36   56  B+   3   244 :  25      48   73  A    3   245 :  25      43   68  A    3
246E :  25  18  40   83  A+   4   249 :  21      18   39  A+   2   351 :  26      63   89  A+   3   352 :  23      60   83  A+   3
353B :  24      52   76  A+   3   354 :  21  17  38   76  A+   4   355E :  16  16  35   67  A    4   356E :  21  18  37   76  A+   4
361 :  20      52  * 72  A    3   362 :  26      44  * 70  A    3   363B :  18      40  * 58  B+   3   364 :  19  17  26  * 62  A    4
365E :  17  16  30  * 63  A    4   366E :  20  16  42  * 78  A+   4   GR4-A :!                P    1   GR6-A :!                P    3
SGPA : (1) 6.95 (2) 7.73 (3) 8.55 (4) 8.14 (5) 8.81 (6) 8.05                                                TOTAL  86    4            721
                                                                                                          F.Y.TOTAL  46    4            313

% of MARKS :  72.60 CGPA :   7.83 FINAL GRADE : A
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135417 DHAGE SAKSHI RAJENDRA                                ASHA                  F   1201959020  6  F                                  135417

SUBJECT : BUSINESS ENTREPRENEURSHIP
231 :  24  17  28   69  A    4   232 :  26      38   64  A    3   233 :  22      50   72  A    3   234 :  25      56   81  A+   3
235 :  25      42   67  A    3   236G :  24  18  35   77  A+   4   239 :  22      14   36  A    2   241 :  28  17  43   88  A+   4
242 :  20      41   61  A    3   243 :  27      48   75  A+   3   244 :  20      53   73  A    3   245 :  20      57   77  A+   3
246G :  24  18  27   69  A    4   249 :  21      22   43  A+   2   351 :  23      57   80  A+   3   352 :  17      60   77  A+   3
353B :  26      62   88  A+   3   354 :  17  17  42   76  A+   4   355G :  22  17  36   75  A+   4   356G :  23  18  43   84  A+   4
361 :  20      45  * 71  A    3   362 :  15      43  * 58  B+   3   363B :  21      38  * 59  B+   3   364 :  18  17  21  * 56  B+   4
365G :  13  17  24  * 54  B    4   366G :  16  18  31  * 65  A    4   GR3-B :!                P    1   GR3-C :!                P    2
GR4-A :!                P    1
SGPA : (1) 6.73 (2) 5.58 (3) 8.32 (4) 8.55 (5) 9.00 (6) 7.14                                                TOTAL  86    4            710
                                                                                                          F.Y.TOTAL  46    4            281

% of MARKS :  71.88 CGPA :   7.51 FINAL GRADE : A
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135418 JADHAV SUSHMITA ARUN                                 MEENA                 F   1202038461  6  F                                  135418

The student has been admitted to third year directly for this programme.
SUBJECT : BUSINESS ENTREPRENEURSHIP
351 :  17      39   56  B+   3   352 :  14      46   60  A    3   353B :  24      34   58  B+   3   354 :  14  16  29   59  B+   4
355G :  17  16  34   67  A    4   356G :  18  17  37   72  A    4   361 :  AA      47  * 47  F FF     362 :  18      28  * 46  C    3
363B :  20      41  * 61  A    3   364 :  13  16  17  * 46  C    4   365G :  13  16  24  * 53  B    4   366G :  13  16  28  * 57  B+   4
GR4-A :!                P    1   GR6-A :!                P    3
RESULT : FAIL
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SAVITRIBAI PHULE PUNE UNIVERSITY
(formerly University of Pune)
GANESHKHIND, PUNE 411007.

nch : BACHELOR OF COMMERCE (CHOICE BASED CREDIT SYSTEM) - APRIL 2022
eatNo : 135412 Centre : 0117 Perm Reg No(PRN) : 1201959106
Student Name : WAKCHAURE AKASH GOVIND Mother Name : ASHA
Inst.Name : 0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE AKOLE,A'NAGAR

SUBJECT : COST & WORKS ACCOUNTING

SEM	SUBCODE	SUBJECT NAME	Crd	Grd	Grd Pnt
3	231	(231) BUSINESS COMMUNICATION - I	4	A+	036
	232	(232) CORPORATE ACCOUNTING - I	3	A	024
	233	(233) BUSINESS ECONOMICS - I (MACRO)	3	A+	027
	234	(234) BUSINESS MANAGEMENT - I	3	A+	027
	235	(235) ELEMENTS OF COMPANY LAW - I	3	A+	027
	236E	(236E) COST AND WORKS ACCOUNTING - I	4	A	032
	239	(239) AECC-1 ENVIRONMENTAL AWARENESS	2	A+	018
4	241	(241) BUSINESS COMMUNICATION - II	4	A+	036
	242	(242) CORPORATE ACCOUNTING - II	3	A	024
	243	(243) BUSINESS ECONOMICS - II (MACRO)	3	A	024
	244	(244) BUSINESS MANAGEMENT - II	3	A+	027
	245	(245) ELEMENTS OF COMPANY LAW - II	3	A+	027
	246E	(246E) COST AND WORKS ACCOUNTING - II	4	A+	036
	249	(249) AECC-2 ENVIRONMENTAL AWARENESS	2	O	020
5	351	(351) BUSINESS REGULATORY FRAMEWORK -I	0	F	000
	352	(352) ADVANCED ACCOUNTING -I	0	F	000
	353B	(353B) INTERNATIONAL ECONOMICS -I	0	F	000
	354	(354) AUDITING & TAXATION -I	0	F	000
	355E	(355E) COST AND WORKS ACCOUNTING - II (INCLUSIVE OF INTERNSHIP)	0	F	000
	356E	(356E) COST AND WORKS ACCOUNTING - III (INCLUSIVE OF INTERNSHIP)	0	F	000
6	361	(361) BUSINESS REGULATORY FRAMEWORK -II	3	A	024
	362	(362) ADVANCED ACCOUNTING -II	3	A	024
	363B	(363B) INTERNATIONAL ECONOMICS -II	3	C	015
	364	(364) AUDITING & TAXATION -II	4	B	024
	365E	(365E) COST AND WORKS ACCOUNTING - II (INCLUSIVE OF INTERNSHIP)	4	A	032
	366E	(366E) COST AND WORKS ACCOUNTING - III (INCLUSIVE OF INTERNSHIP)	4	A	032

F.Y.: CREDITS 46 ADD-ON CREDITS 4 GRADE POINTS 314 RESULT: FAIL RESULT: FAIL

RESULT DATE : 7 October 2022

The results published online are for immediate information only. These cannot be treated as original statement of marks,Please verify the information from original statement of marks issued by the Savitribai Phule Pune University separately.

स्वातंत्र्याच्या अमृत महोत्सवानिमित्त घराघरामध्ये राष्ट्रध्वज फडकवून सहभाग घेऊया...

TYBCOM 2019 Pattern ... Message 205 of 427

From **Agasti Arts Com.&Dada. Rupwate Sci.**
To **Examsupport, S & T Commerce**
Date **15-01-2022 2:25 pm**

jagdhane.pdf(~525 KB)

Dear Sir/Madam,

Please Attach a file.

(Principal)

--
Akole Taluka Education Society

I.D.No.PU/AN/ASC/018/1974. HSC/1176/July 1976 Dt. 1.7.76 H.S.C.No.J-12.01.001

साहसं श्री: प्रतिवसति ।

अकोले तालुका एज्युकेशन सोसायटीचे,

अगस्ति कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अकोले

मु.पो.ता. अकोले, जि. अहमदनगर पिन : ४२२ ६०१ (महाराष्ट्र)

सावित्रीबाई फुले पुणे विद्यापीठ सर्वोत्कृष्ट संलग्न महाविद्यालय–२००७
नॅक मानांकन : 'अ' दर्जा

डॉ. भास्कर शेळके
प्राचार्य

M.A. M.Phil., Ph.D., D.Litt.
Mob.: 9890686521. Ph. 02424 - 221248
E-mail : shelke_bhaskar@yahoo.com

जा. क्र./एसी/परीक्षा / 518/ २०२२

दिनांक -१५ /०१ /२०२२

प्रति ,

मा. संचालक ,

परीक्षा व मूल्यमापन मंडळ,

सावित्रीबाई फुले पुणे विद्यापीठ

गणेशखिंड पुणे

विषय – TYBCOM 2019 Pattern अभ्यासक्रमानुसार विषय update होणे बाबत ..

महोदय ,

आमच्या महाविद्यालयाची विद्यार्थीनी **JAGDHANE SUCHITRA ANIL** या विद्यार्थीनीने FYBCOM व SYBCOM 2013 Pattern मध्ये शिक्षण घेत होती. सध्या तीने TYBCOM 2019 Pattern अभ्यासक्रमानुसार प्रवेश घेतलेला आहे. तरी कृपया परीक्षा फॉर्म भरताना TYBCOM 2019 पॅटर्न नुसार विषय update होणेश विनंती करत आहे.

सोबत –

1) FYBCOM- गुणपत्रक

2)SYBCOM – गुणपत्रक

3)TYBCOM - प्रवेश पावती .

(डॉ. भास्कर शेळके)
प्राचार्य,
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते
विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

Name :
Date : / /

अर्ज

प्रति,
मा. प्राचार्य
अगस्ति कला, वाणिज्य व दादासाहेब
रुपवते विज्ञान महाविद्यालय अकोले.
दिनांक 14-02-2022

विषय:- सुधारित चालू अभ्यासक्रमानुसार विषय मिळणेबाबत.

अर्जदार :- गगधने सुचित्रा अनिल.

महोदय,

कारणे विनंती अर्ज करते की, मी गगधने सुचित्रा अनिल अगस्ति कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय अकोले येथे वर्गात शिकत असून मी F.Y.Bcom या शैक्षणिक वर्षात T.Y.B.com या अभ्यासक्रम 2021-2022 नुसार शिक्षण घेतले आहे. व S.Y.B.com 2013 पॅटर्न माझ्या परिक्षा फॉर्ममधील विषय बदलून/अदयावत करणेत क्रेडिट पॅटर्न नुसार झाले आहे. त्यामुळे मला 2019 पॅटर्न प्रमाणे मिळावे ही विनंती.

2019

VPB-e

Student ID- ~~AESC2104869~~ AESC210185 38
Eligibility No- 2018272827

~~सुचित्रा~~
आपली विश्वास.
गगधने सुचित्रा अनिल.
8080937068

कागदपत्रे.
① F.Y.Bcom मार्कशीट — 2013
② S.Y.Bcom मार्कशीट — 2013
③ T.Y.Bcom प्रवेश पावती. — 2019

Sr.No.: 0000705

साहसे श्रीः प्रतिवसति ।

I.D. No. PU/AN/ASC/018/1974

AKOLE TALUKA EDUCATION SOCIETY'S

AGASTI ARTS, COMMERCE AND DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE

TAL.: AKOLE, DIST.: AHMEDNAGAR. (PIN : 422 601)

(AFFILIATED TO SAVITRIBAI PHULE PUNE UNIVESITY)

STATEMENT OF MARKS FOR EXAMINATION FYBCom Exam. - March 2019

SEAT NO.: 1544 STUDENT ID. NO.: ACJC17003669

NAME : JAGDHANE SUCHITRA ANIL MOTHER : UJJWALA

AADHAAR NO.: 432473900376 ELIGIBILITY NO.: 12018272827

CENTRE CODE : 065 COLLEGE CODE : 117

YEAR March 2019 COURSE NAME FYBCom MARKS OBTAINED

			PP/OR	TEX	UEX	TOTAL
1113	*	Compulsory English		14	50	64
1123	*	Financial Accounting	15	05	24	44
1133	*	Business Economics (Micro)		15	53	68
1153	*	Computer Concepts and Applications		11	43	54
1233	*	Business Environment & Entrepreneurship		14	52	66
1343	*	Banking and Finance		13	35	48
1543	*	Hindi	12	17	50	79
1777	*	Physical Education			GRADE	P

GRAND TOTAL (OUT OF 700) : 423

RESULT : FIRST CLASS

Principal
(Signature & Stamp)

College Examination Officer

Date :10 May 2019

C = 0.4 & = 0.163 S = 0.1 G = 0.1 & 0.163 * = CURRENT APPEARANCE

AA - ABSENT EE - EXTERNAL FFF - FAIL IN COURSE TEX - TERM END EXAMINATION UEX - UNIVERSITY EXAMINATION PP - PRACTICAL EXAM

SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)

GANESHKHIND PUNE 411 007

2017

STATEMENT OF MARKS / GRADES FOR B.Com. (2013) EXAM. - OCTOBER 2020

SEAT NO. 80243 CENTRE 065 PERM REG. NO. : 1202039051

NAME JAGDHANE SUCHITRA ANIL MOTHER : UJJWALA

COLLEGE / SCHOOL 0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE AKOLE, A'NAGAR

YEAR	COURSE NAME	PASSING/OUT OF	MARKS OBTAINED 8/20 PP	32/80 TEX..	40/100 UEX.	TOTAL
SUBJECT : BUSINESS ENTREPRENEURSHIP						
2 2113	BUSINESS COMMUNICATION		12	12	36	60
2123	CORPORATE ACCOUNTING			08	18	* 26FF
2133	BUSINESS ECONOMICS (MACRO)			13	AA	* 13FF
2143	BUSINESS MANAGEMENT			13	43	* 56
2153	ELEMENTS OF COMPANY LAW			12	42	* 54
2273	BUSINESS ENTREPRENEURSHIP - I		18	12	32	* 62
2777	A COURSE IN ENVIRONMENTAL AWARENESS			GRADE		B

TOTAL (OUT OF 600) 271

RESULT : FAIL A.T.K.T.

Director

Medium of instruction: Marathi

DATE : 18 JUN 2

SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)
GANESHKHIND, PUNE 411007.

2013

B.Com. (2013) EXAM.- APRIL 2021

SeatNo :91732 Centre: 65 Perm Reg No(PRN) : 1202039051

Student Name : JAGDHANE SUCHITRA ANIL Mother Name : UJJWALA

Col/Inst.Name : 117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE,AKOLE,A'NAGAR

YEAR	SUBCODE	SUBJECT NAME	MARKS OBTAINED PP	INT.	UEX.	TOTAL
2	2113	BUSINESS COMMUNICATION	12	12	36	60
	2123	CORPORATE ACCOUNTING		8	51	*59
	2133	BUSINESS ECONOMICS (MACRO)		13	64	*77
	2143	BUSINESS MANAGEMENT		13	43	56
	2153	ELEMENTS OF COMPANY LAW		12	42	54
	2273	BUSINESS ENTREPRENEURSHIP - I	18	12	32	62
	2777	A COURSE IN ENVIRONMENTAL AWARENESS				B
		GRAND TOTAL(OUT OF600)				368

RESULT : PASSES

RESULT DATE : 28 August 2021

The results published online are for immediate information only. These cannot be treated as original statement of marks,Please verify the information from original statement of marks issued by the Savitribai Phule Pune University separately.

54-201

I.D.No.PU/AN/ASC/018/1974. | HSC/1176/July 1976 Dt. 1.7.76 | H.S.C.No.J-12.01

साहसे श्री: प्रतिवसति ।

अकोले तालुका एज्युकेशन सोसायटीचे,

अगस्ति कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अको

मु.पो.ता. अकोले, जि. अहमदनगर पिन : ४२२ ६०१ (महाराष्ट्र)

। सावित्रीबाई फुले पुणे विद्यापीठ सर्वोत्कृष्ट संलग्न महाविद्यालय–२००७

। नॅक मानांकन : 'अ' दर्जा

डॉ. भास्कर शेळके
प्राचार्य

। M.A. M.Phil., Ph.D., D.Litt.
। Mob.: 9890686521. Ph. 02424 - 221
। E-mail : shelke_bhaskar@yahoo.c

जा. क्र./एसी/परीक्षा /596/ २०२२

दिनांक -१८ /०२ /२०२२

प्रति ,

मा. संचालक ,

परीक्षा व मूल्यमापन मंडळ,

सावित्रीबाई फुले पुणे विद्यापीठ

गणेशखिंड पुणे

विषय ;- Hall Tcket वर Democary Elecation And Govarnance (1299) हा विषय न आल्या बाबत ..

महोदय,

आमच्या महाविद्यालयातील विद्यार्थीनी Darade Nilam Vilas (TYBCOM -2019 Pattern) नुसार आमच्या शिक्षण घेत असून, Oct/Nov -2021 परीक्षा फॉर्म भरताना Democary Elecation And Govarnance(1299)हा विषय दिसत नव्हता . हा विषय सर्वाना compulsory आहे. आता प्राप्त झालेल्या Hall Tcket वर हा विषय आलेला नाही. तरी कृपया सदर विद्यार्थीनीचे Hall Tcket दुरुस्त करून मिळावे ही विनंती.

(सदर विषय हा सर्वाना असल्यामुळे विद्यार्थ्याने निवडण्याचा प्रश्नच येत नाही.)

सोबत –

१) विद्यार्थी अर्ज
२) Hall Ticket
३) FYBCOM गुणपत्रक
४) SYBCOM गुणपत्रक

(डॉ. भास्कर शेळके)
प्राचार्य,
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते
विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

सावित्रीबाई फुले पुणे विद्यापीठ
संचालक कार्यालय
परीक्षा व मूल्यमापन मंडळ
पोहोच स्वाक्षरी.....
दिनांक.....
21/2/22

माननीय प्राचार्य
अगरती कला, वणिज्य व
दादासाहेब रुपवते विज्ञान
महाविद्यालय, मकोले.

विषय - हॉलतिकीट वर Sub code 1299 Democracy Election and Governance हा विषय मालेला नाही या बाबत.

महोदय,

मी दराडे निलम विलास T.Y.B.Com या वर्गात शिकत असून. मी ऑक्टोबर / नोव्हेंबर 2021 या परीक्षेसाठी 2019 Credit Pattern नुसार परीक्षा फॉर्म भरलेला आहे. परंतु माझ्या हॉल तिकीट वरती Sub. code 1299 - Democaracy Election and Governance हा विषय मालेला नाही तरी कृपया माझ्या हॉल तिकीट वर हा विषय यावा ही विनंती

आपली आज्ञाधारी विद्यार्थीनी
दराडे निलम विलास
मो. नं - 9322227216

Savitribai Phule Pune University

HallTicket For B.Com.(Choice based credit system) Oct./Nov.2021

SeatNo	PRN	CentreCode	CollegeCode	PUN Code
129415	1202054527	0117	0117	CAAA016190

Name : DARADE NILAM VILAS

Mother : SUNITA

Centre : DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE

Sub Code	Subject Name	Type	Exam Date	Exam Time
351	BUSINESS REGULATORY FRAMEWORK -I	IE		
352	ADVANCED ACCOUNTING -I	IE		
353B	INTERNATIONAL ECONOMICS - I	IE		
354	AUDITING & TAXATION -I	IEP		
355A	BUSINESS ADMINISTRATION - II	IEP		
356A	BUSINESS ADMINISTRATION - III	IEP		
GR4-A	AVISHKAR PARTICIPATION, EXTENSION ACTIVITY PARTICIPATION, CU	G		
GR5-A	RESEARCH PAPER PRESENTATION AT STATE/NATIONAL LEVEL	G		
GR5-B	RESEARCH PAPER PRESENTATION AT INTERNATIONAL LEVEL	G		
GR6-A	PARTICIPATION IN SUMMER SCHOOL/PROGRAMME, SHORT TERM COURSE	G		
GR7-A	SCIENTIFIC SURVEY, SOCIETAL SURVEY,	G		
GR8-A	FIELD VISITS, STUDY TOURS, INDUSTRIAL VISITS, PARTICIPATION	G		
GR9-A	ONLINE CERTIFICATE COURSES/MOOC COURSES/ CAREER ADVANCEMENT	G		

NOTE:

Students should ensure that details like Name,Photo, PRN, Subjects printed on Hall Ticket are correct. Incase of any discrepancy, please immediately contact to College Exam Officer (CEO).

In Case,College does not have Exam Center,please follow University Circular.

In Case of any discrepancy between hallticket & time table published on university website (http://exam.unipune.ac.in), the timetable on website to be followed.

Signature of Student

College Principal / Director

DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE

साहसे श्रीः प्रतिवसति ।

AKOLE TALUKA EDUCATION SOCIETY'S

AGASTI ARTS, COMMERCE AND DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE

TAL.: AKOLE, DIST.: AHMEDNAGAR. (PIN : 422 601)

(AFFILIATED TO SAVITRIBAI PHULE PUNE UNIVESITY)

STATEMENT OF GRADES FOR: B.Com 2019 Pattern Apr-2020

SEAT NO.: 12087 **CENTRE:** CAAA016190 **PERM REG. NO.:** 1201959016

NAME: DARADE NILAM VILAS **MOTHER:** SUNITA

	Crd	Grd	Grd Pnt	Crd Pnt
111-COMPULSORY ENGLISH - I	3	C	5	15
112-FINANCIAL ACCOUNTING - I	4	B+	7	28
113-BUSINESS ECONOMICS - I	3	A+	9	27
114B-COMPUTER CONCEPTS AND APPLICATION - I	3	B	6	18
115A-ORGANIZATION SKILL DEVELOPMENT - I	3	A	8	24
116E-BUSINESS ENVIRONMENT & ENTREPRENEURSHIP - I	3	A	8	24
117B-MARATHI - I	3	A+	9	27
12019-VA01_1-COMPUTERISED ACCOUNTING	1	A	8	8

First Semester SGPA : 7.435 Credits Earned/Total : 23/23 Total Credit Points: 171

* 12019-VA02_2-EMPLOYABILITY SKILL ENHANCEMENT PROGRAMME	1	D	4	4
* 121-COMPULSORY ENGLISH- II	3	A	8	24
* 122-FINANCIAL ACCOUNTING- II	4	A	8	32
* 123-BUSINESS ECONOMICS- II	3	A+	9	27
* 124B-COMPUTER CONCEPTS AND APPLICATION- II	3	A	8	24
* 125A-ORGANIZATION SKILL DEVELOPMENT - II	3	A+	9	27
* 126E-BUSINESS ENVIRONMENT & ENTREPRENEURSHIP - II	3	A+	9	27
* 127B-MARATHI - II	3	A+	9	27
* G-1-PHYSICAL EDUCATION (GROUP-1, SEM-II)	2	C		

Second Semester SGPA : 8.348 Credits Earned/Total : 23/23 Total Credit Points: 192

First year Total Credits Earned : 46/46

EST.1974 TAL-AKOLE DISTRICT AHMEDNAGAR 422 601 AKOLE

PRINCIPAL

Medium of Instruction: Marathi

STATEMENT NO.: 24

DATE: 11-Aug-2020

SAVITRIBAI PHULE PUNE UNIVERSITY
(formerly University of Pune)
GANESHKHIND, PUNE 411007.

Branch : BACHELOR OF COMMERCE (CHOICE BASED CREDIT SYSTEM) - APRIL 2021

SeatNo : 139970 Centre : 0117 Perm Reg No(PRN) : 1202054527

Student Name : DARADE NILAM VILAS Mother Name : SUNITA

Inst.Name : 0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE AKOLE,A'NAGAR

SPECIAL METHODS :SEM. NAME OF THE COURSE <--- MARKS ---> CRE- GR-

SEM	SUBCODE	SUBJECT NAME	Crd	Grd	Grd Pnt	Crd Pnt
3	231	BUSINESS COMMUNICATION - I	4	A+	036	
	232	CORPORATE ACCOUNTING - I	3	B	018	
	233	BUSINESS ECONOMICS - I (MACRO)	3	A	024	
	234	BUSINESS MANAGEMENT - I	3	A	024	
	235	ELEMENTS OF COMPANY LAW - I	3	A	024	
	236A	BUSINESS ADMINISTRATION - I	4	A	032	
	239	AECC-1 ENVIRONMENTAL AWARENESS	2	A+	018	
4	241	BUSINESS COMMUNICATION - II	4	A	032	
	242	CORPORATE ACCOUNTING - II	3	A	024	
	243	BUSINESS ECONOMICS - II (MACRO)	3	A	024	
	244	BUSINESS MANAGEMENT - II	3	A	024	
	245	ELEMENTS OF COMPANY LAW - II	3	A+	027	
	246A	BUSINESS ADMINISTRATION - II	4	A	032	
	249	AECC-2 ENVIRONMENTAL AWARENESS	2	A+	018	

SGPA : (3) 8.00 (4) 8.23

TOTAL : CREDITS 44 GRADE POINTS 357

RESULT DATE : 22 October 2021

The results published online are for immediate information only. These cannot be treated as original statement of marks,Please verify the information from original statement of marks issued by the Savitribai Phule Pune University separately.

Akole Taluka Education Society's

Agasti Arts, Commerce and Dadasaheb Rupwate Science College Akole

A/P: Akole, Tal : Akole, Dist : Ahmednagar, Pincode : 422601

Provisional Admission Fee Reciept (Senior College 2021-2022)

RECEIPT NO.	R-SR212201177	STUDENT ID	ACSC19013990
CANDIDATE NAME	DARADE NILAM VILAS	CATEGORY	BC CATEGORY
STREAM	COMMERCE	FEE TYPE	GRANT AID
COURSE & YEAR	TYBCOM	DATE	30-10-2021

Sr.No.	Particulars	Amt.	Received Amt.	Sr.No.	Particulars	Amt.	Received Amt.
1	UNIV. DEVE. FEE	0	0.00	2	[illegible]	0	0.00
3	REGI. FEE	0	0.00	4	COMM. FEE	0	0.00
5	LIBRARY FEE	0	0.00	6	UNIV. ELIGI. FEE	0	0.00
7	STU. ACTIV. FEE	0	0.00	8	STU. WALF. FEE	0	0.00
9	GYM. FEE	0	0.00	10	TUTION FEE	0	0.00
11	NSS FEE	10	10.00	12	STUD. SAFE INS.	0	0.00
13	LAB. FEE	0	0.00	14	ADM. FEE	0	0.00

Total Fee : 10/- Paid Fee : 10/- Balance Fee : 0/-

Amount Paid : TEN RUPEES ONLY

1. Please do not lose this receipt.
2. Produced whenever asked.
3. This is Computer generated receipt, signature not required.

Seal & Sign.

30-10-2021

www.agasti.ch.in

साहसेश्री :प्रतिवसति !!

Akole Taluka Education Society's

AGASTI ARTS , COMMERCE & DADASAHEB RUPAWATE SCIENCE COLLEGE AKOLE

A / P.Tal.Akole , Dist.Ahmadnagar , Pin - 422601 (Maharashtra)

जा.क. / एसी / निकाल /283/२०२१ दिनांक :- १४ / १० / २०२१

प्रति,
मा.संचालक,
परीक्षा व मूल्यमापन मंडळ,
सावित्रीवाई फुले पुणे विद्यापीठ,
गणेशखिंड पुणे .७

विषय :– F.YB.Com 2019 Credit Pattern March / April - 2021 Result Ledger बाबत...

महोदय,

दिनांक २७ / ९ / २०२१ रोजी विद्यापीठाने पाठविलेले F.YB.Com 2019 Credit Pattern March / April -2021 या वर्गाचे Result Ledger आमच्या महाविद्यालयास प्राप्त झालेले आहे. सदर Ledger वाणिज्य विभाग प्रमुख यांनी तपासले असता, सोबतच्या यादीतील विद्यार्थ्यांनी Online परीक्षा फॉर्म भरताना **Sem. I Business Environment & Entrepreneurship – 116E** व **Sem. II Business Environment &Entrepreneurship – 126 E** ऐवजी , **Sem. I Marketing & Salesmanship – 116C** व **Sem. II Marketing & Salesmanship – 126C** विषय Online पद्धतीने नोंदविला आहे. तरी सदर विषय विद्यापीठाच्या नियमाप्रमाणे बदलून मिळावा हि विनंती. . .

कळावे,

1) विषय दुरुस्ती सह विद्यार्थीयादी.
2) विषय शिक्षक यांचे पत्र
3) विद्यार्थी अर्ज
4) Result Ledger March / April 2021

(डॉ.भास्कर शेळके)
प्राचार्य
अगस्ति कला,वाणिज्य व दादासाहेब रु
विज्ञान महाविद्यालय,अकोले,जि.अहमद

AGASTI ARTS, COMM. & DADASAHEB RUPAWATE SCIENCE COLLEGE
EST.1974
TAL-AKOLE
DISTRICT
AHMEDNAGAR
422 601
AKOLE

विषय दुरुस्ती सह विद्यार्थीयादी.

Sr. No.	Students Name	Class	Seat No.	PRN No	Added Subject	Deleted Subject
1.	DAMASE BHAUSAHEB BALU	F.Y B.Com	13376	1202054526	**Sem. I** Business Environment & Entrepreneurship – 116E **Sem. II** Business Environment & Entrepreneurship – 126E	**Sem. I** Marketing & Salesmanship – 116C **Sem. II** Marketing & Salesmanship – 126C

Bhausaheb Balu (F.Y.B.Com.)

Respected sir,

With reference to above mentioned subject, the subject of 'Damse Bhausaheb Balu' (F.Y.B.Com.) has been changed while filling the Exam. form. His subject is 'Business Environmen and Entrepreneurship' instead of it, the subject got filled is ~~Sales~~ 'Marketing & Salesmanship' Hence its a humble request to change his subject through proper source.

Thanking You.

Yours faithfully,

Dr. Sayyad M.D.
Subject Teacher.

Encl- Appliation of Damse.

PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE

19/10/2021.

To,

The Principal,
Agasti Arts, Commerce & Dadasaheb
Rupwate Sci. College,
Akole.

Sub- Regarding change in subject of 'Dance'

दि 9-10-2021

अर्ज

प्रति,
मा. प्राचार्य...
अगस्ती कला वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय अकोले.

विषय- परिक्षा अर्ज भरताना चुकीचा विषय निवडल्याबाबत.

अर्जदार - डामसे भाऊसाहेब बाळू - (FY B.com) 1ल्या शेलनं 1ली

महोदय,

मी आपल्या महाविद्यालयात प्रथम वर्ष वाणिज्य या वर्गात शिक्षण क्षेत्र असून परिक्षा अर्ज भरण्याच्या कालावधीमध्ये माझ्याकडून Business Enrironment and Entereneaedrship या विषया ऐवजी Marketing and Selesmanship. हा विषय निवडला गेल्यामुळे व सदर विषय महाविद्यालयात शिकवत नसल्याने आलेला result हा फेल आलेला आहे. तरी सदर विषय बदलून मिळावा ही नम्र विनंती.

चुकीचा निवडलेला विषय. Marketing and salesmanship
(sub code - 116-C and 126 C)

बरोबर असलेला विषय - (Business Enrironment and Entereneadrshir
(sub code- 116 E and 126 E)

आपला आज्ञाधारक
डामसे भाऊसाहेब बाळू
Bdamase

Savitribai Phule Pune University

Pune-411 007

27-Sep-2021

B.Com (2019 Pattern)

College Ledger(Apr-2021)

CAAA016190-AKOLE TALUKA EDUCATION SOCIETY AGASTI ARTS, COMM. AND DADASAHEB RUPWATE SCIENCE COLLEGE AKOLE ,AHEMADNAGR (0117)

	Int	Ext	Pr	Ext	Tot	Crd	Grd	Grd Pnt	Crd Pnt
Min	012	028	008	020					
Max	030	070	020	050					

PRN: 1202054526 Seat no.: 13376 NAME: DAMASE BHAUSAHEB BALU Mother - MHALASABAI

Regular

COMPULSORY ENGLISH - I									
111	P 022	P 028 $	---	---	050	3	B	6	18
FINANCIAL ACCOUNTING - I									
112	* 020	---	* 016	P 030	066	4	A	8	32
BUSINESS ECONOMICS - I									
113	P 025	P 036	---	---	061	3	A	8	24
COMPUTER CONCEPTS AND APPLICATION - I									
114B	P 029	P 034	---	---	063	3	A	8	24
BANKING AND FINANCE - I									
115B	P 012	P 032	---	---	044	3	D	4	12
MARKETING AND SALESMANSHIP - I									
116C	P AAA	P 024	---	---	024 FFF	3	F	0	0
HINDI - I									
117C	P 021	P 039	---	---	060	3	A	8	24
EMPLOYABILITY SKILL ENHANCEMENT PROGRAMME									
12019-VA02_1	P AAA	---	---	---	000 FFF	1	F	0	0

First Semester SGPA : ----- Credits Earned/Total : 19/23
Total Credit Points: 134

COMPUTERISED ACCOUNTING									
12019-VA01_2	* 020	---	---	---	020	1	A	8	8
COMPULSORY ENGLISH- II									
121	* 028	* 024	---	---	052 FFF	3	F	0	0
FINANCIAL ACCOUNTING- II									
122	* 021	---	* 016	* 026	063	4	A	8	32
BUSINESS ECONOMICS- II									
123	* 028	* 028	---	---	056	3	B+	7	21
COMPUTER CONCEPTS AND APPLICATION- II									
124B	* 019	* 042	---	---	061	3	A	8	24
BANKING AND FINANCE - II									
125B	* 024	* 041	---	---	065	3	A	8	24
MARKETING & SALESMANSHIP - II									
126C	* AAA	* 045	---	---	045 FFF	3	F	0	0
HINDI - II									
127C	* 020	* 050	---	---	070	3	A	8	24

Second Semester SGPA : ----- Credits Earned/Total : 17/23
Total Credit Points: 133

First year Result : Fail A.T.K.T. Total Credits Earned : 36/46

DEMOCRACY , ELECTION AND GOVERNANCE						
22999	---	---	---	--- *"O"	2	
PHYSICAL EDUCATION (GROUP-1, SEM-II)						
G-1	---	---	---	--- *"O"	2	

$ 0.1

.....

Inbox 10

Drafts

Sent 2

Junk

निकाल दुरुस्त करून मिळणे बा...

Message 381 of 427

From **Agasti Arts Com.&Dada. Rupwate Sci.C**

To **S & T Commerce**

Date **04-01-2021 10:16 am**

Nikal durust karun mil...

मा.सर,

आमच्या महाविद्यालयातील TYBCOM या
वर्गातील विद्यार्थिनी कु.मधे सोनाली भोरू
हिचा March /April 2020 परीक्षेचा
निकाल दुरुस्त करून मिळावा हि विनंती.

सोबत - विद्यार्थिनीचा अर्ज व निकाल

प्राचार्य

--
Akole Taluka Education Society Agasti Arts$$ Commerce and Dadasahe

I.D.No.PU/AN/ASC/018/1974. HSC/1176/July 1976 Dt. 1.7.76 H.S.C.No.J-12.01.001

साहसे श्री: प्रतिवसति ।

अकोले तालुका एज्युकेशन सोसायटीचे,

अगस्ति कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अकोले

मु.पो.ता. अकोले, जि. अहमदनगर पिन : ४२२ ६०१ (महाराष्ट्र)

। सावित्रीबाई फुले पुणे विद्यापीठ सर्वोत्कृष्ट संलग्न महाविद्यालय–२००७

। नॅक मानांकन : 'अ' दर्जा

डॉ. भास्कर शेळके
प्राचार्य

। M.A. M.Phil., Ph.D., D.Litt.
। Mob.: 9890686521. Ph. 02424 - 221248
। E-mail : shelke_bhaskar@yahoo.com

जा.क्र/एसी/निकाल/ २४८ /२०२१

दिनांक -०१/०१/२०२१

प्रति,
मा.संचालक,
परीक्षा व मूल्यमापन,
सावित्रीबाई फुले पुणे विद्यापीठ ,
गणेशखिंड पुणे .

विषय – निकाल दुरुस्त करून मिळणे बाबत.....
college -117

महोदय,

आमच्या महाविद्यालयातील **TYBCOM** या वर्गातील विद्यार्थीनी कु.मधे सोनाली भोरू हिने अंतिम वर्षाची परीक्षा मार्च/एप्रिल २०२० मध्ये ONLINE दिलेली आहे. परंतु सदर विद्यार्थीनीचा निकालonline print वर पास आलेला असताना विद्यापीठाने पाठविलेला निकाल मात्र नापास आलेला आहे.

तरी सदर विद्यार्थिनीचा निकाल दुरुस्त करून मिळावा हि विनंती .

सोवत –
१) विद्यार्थी अर्ज,
२) online result print,
३) विद्यापीठाकडून प्राप्त झालेला निकाल,

प्राचार्य
अगस्ति कला,वाणिज्य व दादासाहेब रुपवते
विज्ञान महाविद्यालय,अकोले,जि.अहमदनगर

दि. 1/1/2021

मो. 1558728048

अगरसेन कला, वाणिज्य व
दादासाहेब रूपवते, विज्ञान
महाविद्यालय, अकोले

विषय - निकाल दुरूस्ती बाबत

मा. महोदय,

मी मधे सोनाली भोरू, T.Y.B.com. (2019-20) शिकत होते. पुर्वी माझा निकाल तांत्रिक अडचणींमुळे निकाल नापास आला होता. तर पुन्हा विद्यापिठाच्या वेबसाईट वर तपासल्यानंतर निकाल पास दाखवत आहे, तरी कृपया निकाल दुरूस्त करून मिळावा ही विनंती.

आपली विश्वासू

मधे सोनाली भोरू

SAVITRIBAI PHULE PUNE UNIVERSITY
(formerly University of Pune)
GANESHKHIND, PUNE 411007.

B.Com. (2013) EXAM.- APRIL 2020

SeatNo :80598 Centre: 65 Perm Reg No(PRN) : 1201912344

Student Name : MADHE SONALI BHORU Mother Name : MEENA

Col/Inst.Name : 117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE,AKOLE,A'NAGAR

Performance/Result for the Examination at Year: APR/MAY 2020

YEAR	SUBCODE	SUBJECT NAME	MARKS OBTAINED PP	INT.	UEX.	TOTAL
2	2113	BUSINESS COMMUNICATION	17	6	29	52
	2123	CORPORATE ACCOUNTING		8	42	50
	2133	BUSINESS ECONOMICS (MACRO)		13	40	53
	2143	BUSINESS MANAGEMENT		13	46	59
	2153	ELEMENTS OF COMPANY LAW		12	44	56
	2213	BUSINESS ADMINISTRATION - I	17	12	34	63
	2777	A COURSE IN ENVIRONMENTAL AWARENESS				A
3	3113	BUSINESS REGULATORY FRAMEWORK		9	40	*49
	3123	ADVANCED ACCOUNTING		13	51	*64
	3143	INTERNATIONAL ECONOMICS		13	45	*58
	3153	AUDITING & TAXATION	16	13	26	*55
	3411	BUSINESS ADMINISTRATION - II	18	15	36	*69
	3413	BUSINESS ADMINISTRATION - III	19	14	38	*71
		GRAND TOTAL(OUT OF1200)				699

RESULT : HIGHER SECOND CLASS

RESULT DATE : 12 November 2020

The results published online are for immediate information only. These cannot be treated as original statement of marks,Please verify the information from original statement of marks issued by the Savitribai Phule Pune University separately.

NO.: 20- 0064393

SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)

GANESHKHIND PUNE 411 007

STATEMENT OF MARKS / GRADES FOR [illegible] APRIL 2020

SEAT NO. [illegible] CENTRE [illegible] PERM REG. NO. : 1291912344

NAME [illegible] MOTHER : [illegible]

COLLEGE [illegible] COMMERCE COLLEGE AKOLE, A'N[illegible]

COURSE NAME	PART/UNIT OF	MARKS OBTAINED PP	TEX 32/80	UEX 40/100	TOTAL
[illegible] BUSINESS REGULATION					
[illegible] BUSINESS COMMUNICATION		17	06	29	52
[illegible] CORPORATE ACCOUNTING			08	42	50
[illegible] BUSINESS ECONOMICS (MACRO)			13	40	53
[illegible] BUSINESS MANAGEMENT			13	46	59
[illegible] ELEMENTS OF COMPANY LAW			12	44	56
2919 BUSINESS ADMINISTRATION - I		17	12	34	63
2929 A COURSE IN ENVIRONMENTAL AWARENESS			GRADE		A
3113 BUSINESS REGULATORY FRAMEWORK			09	40	* 49
3123 ADVANCED ACCOUNTING			13	51	* 64
3143 INTERNATIONAL ECONOMICS			13	22	* 35FF
3153 AUDITING & TAXATION		16	13	26	* 55
3411 BUSINESS ADMINISTRATION - II		18	15	36	* 69
3412 BUSINESS ADMINISTRATION - III		19	14	38	* 71

GRAND TOTAL (OUT OF 1200) 676

RESULT FAIL

Director
Board of Examinations & Evaluation

Medium of instruction: Marathi

DATE : 12 NOV 2020

Inbox 10

Drafts

Sent 2

Junk

Fwd: SYBCOM 2019 Pat... Message 327 of 426

From **Agasti Arts Com.&Dada. Rupwate Sci.C... Al**

To **S & T Commerce**

Date **21-06-2021 5:27 pm**

Date:18-06-2021 11:19 al

From:"Agasti Arts Com.&Da Sci.CollegeAkole" <caaa016190@pun.unipune.ac.in>

To: Examsupport <examsupport@pun.unipune.ac.in>, S & T Commerce <st-commerce@pun.unipune.ac.in>

मा.सर,

आमच्या महाविद्यालयातील विद्यार्थीनी कु. ढेकणे सारीका विलास हि, SYBCOM 2019 PATTERN या वर्गात शिकत असून , SEM - III चा ONLINE RESULT पास असताना देखील FAIL दाखवत आहे. SEM - IV चा परीक्षा फॉर्म भरताना मागील सेम चे SUBJECT पास असून देखील येतात . तरी कृपया सदर विद्यार्थीनीची अडचण दूर होणेस विनंती .

कळावे,

आपला विश्वासू

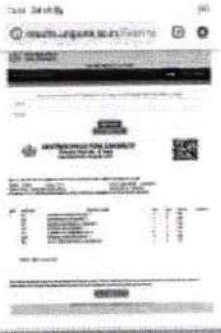
(प्राचार्य)

सोबत -

Result- 1 & २

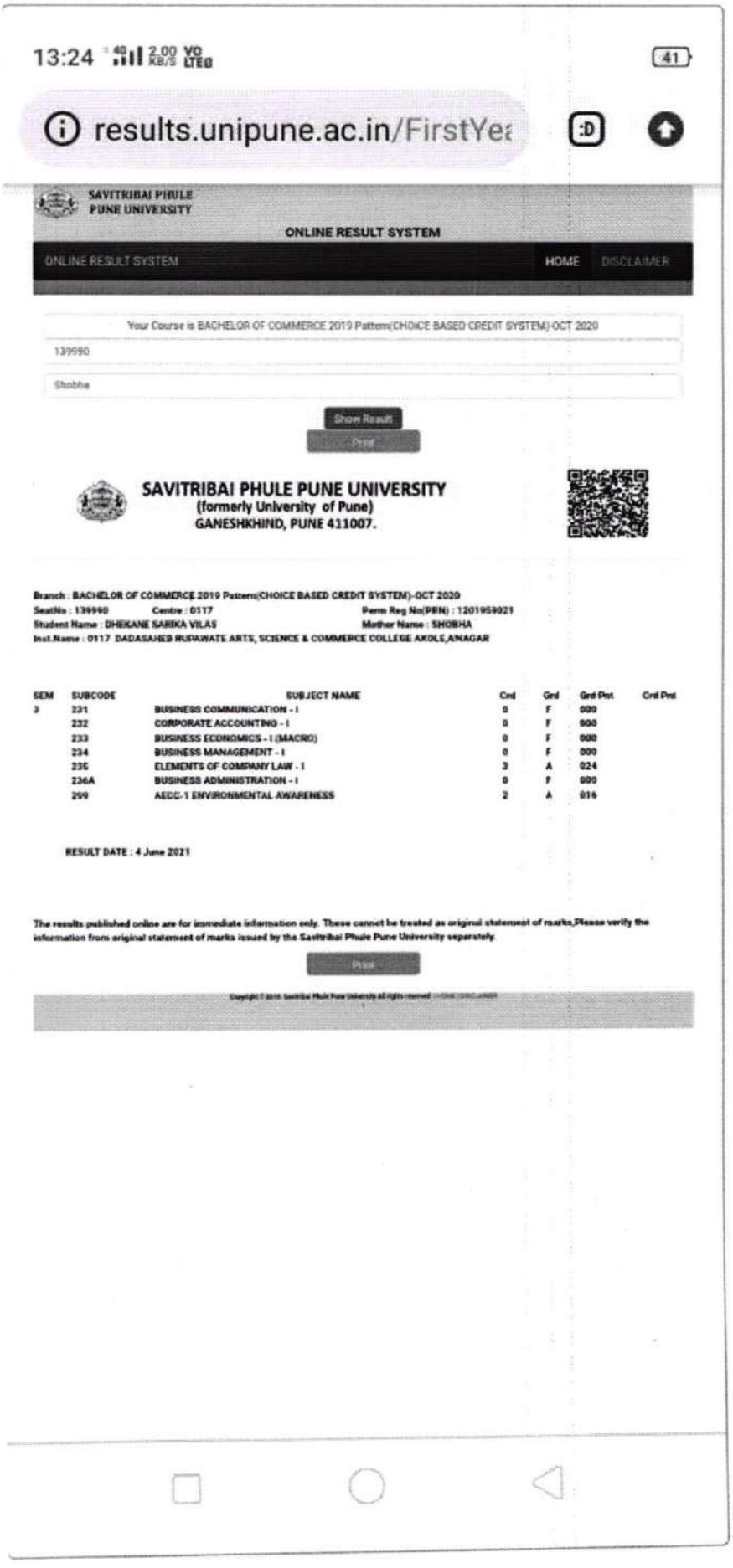
--

Akole Taluka Education Society Agasti Arts$$ Commerce and Dadas



Properties

Name:	IMG-20210614-W...
Type:	image/jpeg
Size:	~51 KB



13:24 41

results.unipune.ac.in/FirstYe

SAVITRIBAI PHULE PUNE UNIVERSITY

ONLINE RESULT SYSTEM

ONLINE RESULT SYSTEM HOME DISCLAIMER

Your Course is BACHELOR OF COMMERCE 2019 Pattern(CHOICE BASED CREDIT SYSTEM)-OCT 2020

139990

Shobha

Show Result

Print

SAVITRIBAI PHULE PUNE UNIVERSITY
(formerly University of Pune)
GANESHKHIND, PUNE 411007.

Branch : BACHELOR OF COMMERCE 2019 Pattern(CHOICE BASED CREDIT SYSTEM)-OCT 2020
SeatNo : 139990 Centre : 0117 Perm Reg No(PRN) : 1201959021
Student Name : DHEKANE SARIKA VILAS Mother Name : SHOBHA
Inst.Name : 0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE AKOLE,ANAGAR

SEM	SUBCODE	SUBJECT NAME	Crd	Grd	Grd Pnt	Crd Pnt
3	231	BUSINESS COMMUNICATION - I	0	F	000	
	232	CORPORATE ACCOUNTING - I	0	F	000	
	233	BUSINESS ECONOMICS - I (MACRO)	0	F	000	
	234	BUSINESS MANAGEMENT - I	0	F	000	
	235	ELEMENTS OF COMPANY LAW - I	3	A	024	
	236A	BUSINESS ADMINISTRATION - I	0	F	000	
	299	AECC-1 ENVIRONMENTAL AWARENESS	2	A	016	

RESULT DATE : 4 June 2021

The results published online are for immediate information only. These cannot be treated as original statement of marks,Please verify the information from original statement of marks issued by the Savitribai Phule Pune University separately.

Print

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Properties

Name:	IMG-20210614-W...
Type:	image/jpeg
Size:	~75 KB

12:54 64

Online Exam Score

1	[235] ELEMENTS OF COMPANY LAW - I	30/Apr/2021 09.00 AM to 11.00 AM	32
)	[236A] BUSINESS ADMINISTRATION - I	02/May/2021 09.00 AM to 11.00 AM	40
4	[299] AECC-1 ENVIRONMENTAL AWARENESS	14/May/2021 09.00 AM to 11.00 AM	33
9	[232] CORPORATE ACCOUNTING - I	30/May/2021 09.00 AM to 05.00 PM	34
)	[231] BUSINESS COMMUNICATION - I	30/May/2021 09.00 AM to 05.00 PM	28
9	[234] BUSINESS MANAGEMENT - I	31/May/2021 09.00 AM to 05.00 PM	35
7	[233] BUSINESS ECONOMICS - I (MACRO)	01/Jun/2021 09.00 AM to 05.00 PM	Online performance score will be displayed after 03/Jun/2021 10:00 AM

Inbox 10
Drafts
Sent 2
Junk

TYBCOM 2013 Pattern ... Message 204 of 427

From **Agasti Arts Com.&Dada. Rupwate Sci.**
To **Examsupport, S & T Commerce**
Date **15-01-2022 6:32 pm**

Dear Sir/Madam,

vaidya.pdf(~591 KB)

Please Sttech a file

(Principal)

--
Akole Taluka Education Society

I.D.No.PU/AN/ASC/018/1974. HSC/1176/July 1976 Dt. 1.7.76 H.S.C.No.J-12.01.001

साहसे श्री: प्रतिवसति ।

अकोले तालुका एज्युकेशन सोसायटीचे,.

अगस्ति कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अकोले

मु.पो.ता. अकोले, जि. अहमदनगर पिन : ४२२ ६०१ (महाराष्ट्र)

सावित्रीबाई फुले पुणे विद्यापीठ सर्वोत्कृष्ट संलग्न महाविद्यालय–२००७
नॅक मानांकन : 'अ' दर्जा

डॉ. भास्कर शेळके
प्राचार्य

M.A. M.Phil., Ph.D., D.Litt.
Mob.: 9890686521. Ph. 02424 - 221248
E-mail : shelke_bhaskar@yahoo.com

जा. क्र./एसी/परीक्षा / ४९८/ २०२२

दिनांक -१५/०१ /२०२२

प्रति,
मा. संचालक ,
परीक्षा व मूल्यमापन मंडळ,
सावित्रीबाई फुले पुणे विद्यापीठ
गणेशखिंड पुणे

विषय ;- TYBCOM 2013 Pattern परीक्षा फॉर्म भरणे बाबत ..

महोदय,

आमच्या महाविद्यालयातील विद्यार्थी VAIDYA RAVINDRA SHIVAJI याने एप्रिल २०२० मध्ये TYBCOM 2013 Pattern या वर्गाची परीक्षा दिलेली असून, त्यामध्ये सदर विद्यार्थी तीन विषयात **Fail** झालेला आहे. परंतु परीक्षा फॉर्म भरत असताना **(course completed)** दाखवीला जात आहे. तरी कृपया राहिलेल्या तीन विषयाचा परीक्षा फॉर्म भरण्यासाठी येणारी अडचण दूर होणेस विनंती.

१) विद्यार्थी अर्ज
२) TYBCOM गुणपत्रक
३) परीक्षा फॉर्म भरताना आलेला dashboard .

(डॉ. भास्कर शेळके)
प्राचार्य
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते
विज्ञान महाविद्यालय, अकोले, जि. अहमदनगर

विनंती अर्ज

दिनांक - 15-1-2022

प्रति.

मा. प्राचार्य.

अर्जदार - वैद्य रविंद्र शिवाजी विनंती करतो कि मी T.Y.B.Com 13 Pattern वर्गात शिकत होतो बी परिक्षा मी 2020 ला होती त्यातला मी 3 विषयाचे पेपर दिले होते पण मी त्या exam मध्ये fail झालो आता मी exam from मराठवाडा गेलो वेद्य online course completed दाखवत आहे तुम्ही मला त्याबाबत मदत करावी ही नम्र विनंती विषय पुढील प्रमाणे -

1] BUSINESS REGULATORY FRAMEWORK
2] International ~~Eco~~ ECONOMICS
3] BOSINESS ADMINIRATION - III

वैद्य रविंद्र शिवाजी
8698570148

NO.: 20- 0169

SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)

GANESHKHIND PUNE 411 007

STATEMENT OF MARKS / GRADES FOR B.Com. (2013) EXAM.- APRIL 2020

SEAT NO. 80635 CENTRE 065 PERM REG. NO.: 1201812950

NAME VAIDYA RAVINDRA SHIVAJI MOTHER : USHA

COLLEGE 0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE AKOLE, A

YEAR	COURSE NAME	PASSING/OUT OF	MARKS OBTAINED			
			PP 8/20	TEX. 32/80	UEX. 40/100	TOTAL
SUBJECT : BUSINESS ADMINISTRATION						
2 2113	BUSINESS COMMUNICATION		13	10	24	47
2123	CORPORATE ACCOUNTING			08	33	41
2133	BUSINESS ECONOMICS (MACRO)			17	43	60
2143	BUSINESS MANAGEMENT			15	46	61
2153	ELEMENTS OF COMPANY LAW			11	44	55
2213	BUSINESS ADMINISTRATION - I		16	12	28	56
2777	A COURSE IN ENVIRONMENTAL AWARENESS			GRADE		A
3 3113	BUSINESS REGULATORY FRAMEWORK			AA	34	* 34FF
3123	ADVANCED ACCOUNTING			AA	40	* 40
3143	INTERNATIONAL ECONOMICS			AA	34	* 34FF
3153	AUDITING & TAXATION		09	AA	35	* 44
3411	BUSINESS ADMINISTRATION - II		18	AA	38	* 56
3413	BUSINESS ADMINISTRATION - III		18	AA	28	* 46FF

GRAND TOTAL (OUT OF 1200) : 574

RESULT : FAIL

	College Information	Personal Information	Profile Status	Action
13)	**College Puncode :** CAAA016190 **College Name :** Agasti Arts, Commerce and Dadasaheb Rupwate Science College	**Student Name :** VAIDYA RAVINDRA SHIVAJI **Mother Name :** USHA	Course completed	

New Course Enrollment

Savitribai Phule Pune University's Official Public Telegram Channel.
Get latest updates on Circulars, Announcements, Admissions, Examinations, Placements, Research Workshops

Dashboard

Course Enrollment	College Information	Personal Information
PRN Number: 1201812950 **Eligibility Number :** 12016139479 **Course Name :** B.Com. **Pattern Name :** BACHELOR OF COMMERCE(REV.2013)	**College Puncode :** CAAA016190 **College Name :** Agasti Arts, Commerce and Dadasaheb Rupwate Science College	**Student Name :** VAIDYA RAVINDF SHIVAJI **Mother Name :** USHA

New Course Enrollment

Savitribai Phule Pune University's Official Public Telegram Channel.

जाक: एसी/विप /एप्रिल 2019/ 173 /2019 दि. 6–7–2019

प्रति,

मा. संचालक,
परीक्षा मंडळ व मूल्यमापन
सावित्रीबाई फुले पुणे विद्यापीठ,
गणेशखिंड, पुणे 7.

विषय : एसवाय/टीवायबीकॉम विद्यापीठ परीक्षा,मार्च 2019 चा निकाल दुरुस्तीबाबत...

महोदय,

आमच्या महाविद्यालयाची विद्यार्थीनी कु. चासकर पुष्पलता नामदेव हिने एप्रिल 2019 मध्ये टीवायबीकॉम या वर्गाची परीक्षा दिली आहे. परंतु या विद्यार्थिनीचे गुणपत्रकात एप्रिल 2018 च्या एसवायबीकॉमच्या निकालात **Ord.163** चे 10 गुण मिळालेले आहेत. त्या गुणांचा समावेश टीवायबीकॉमच्या एप्रिल 2019 च्या निकालात झालेला नाही. तरी सदर निकाल दुरुस्त करुन मिळावा ही विनंती.

या पत्रासोबत विद्यार्थ्यांचा अर्ज, मुळगुणपत्रक पाठवित आहे.

कळावे,

आपला विश्वासू,

(डॉ.भास्कर शेळके)
प्राचार्य,
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

5/07/2019.

प्रति,
मा. प्राचार्य.
अगस्ती महाविद्यालय अकोले.

अर्जदार - चासकर पुष्पलता नामदेव.
विषय - Received मिळणे बाबत.

महोदय,

मी. 2018-19 या शैक्षणिक वर्षात T.Y.B.com मध्ये शिकत होते. आणि. 2016-17-2017-18, या शैक्षणिक वर्षात NSS या योजनेत सहभागी होते. S.Y.B.com च्या Result वर मला. 10 मार्कस् मिळाले आहेत. परंतु, T.Y.B.com च्या Result वर. चुकून ते मिळाले नाहीत.

त्यासाठी मला. T.Y.B.com चा Result परिक्षा विभागात जमा करून तो परत सावित्रीबाई फुले पुणे विद्यापिठाकडे पाठवायचा आहे. तो परत येईपर्यंत 15 ते 20 दिवस लागतील. दरम्यान च्या काळात माझ्या ॲडमिशन ची प्रोसेस चालू होते. तर. त्यात अडचण न होण्यासाठी मला. Result जमा केल्याची महाविद्यालयाची Received मिळावी. करावे ही विनंती. करावे,

आपली विश्वासू
चासकर पुष्पलता
द्वितीय वर्ष

NO.: 18- 05571

SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)

GANESHKHIND, PUNE 411 007.

STATEMENT OF MARKS FOR B.Com. (2013) EXAM.- APRIL 2019

SEAT NO. 76210 CENTRE 065 PERM REG. NO.: 1201813003

NAME CHASKAR PUSHPALATA NAMDEV MOTHER : SHOBHA

COLLEGE 0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE AKOLE,A'

YEAR		COURSE NAME	PASSING/OUT OF	8/20 PP	MARKS OBTAINED TEX.	32/80 UEX.	40/100 TOTAL
SUBJECT : COST & WORKS ACCOUNTING							
2	2113	BUSINESS COMMUNICATION		19	14	40	73
	2123	CORPORATE ACCOUNTING			11	69	80
	2133	BUSINESS ECONOMICS (MACRO)			19	63	82
	2143	BUSINESS MANAGEMENT			16	60	76
	2153	ELEMENTS OF COMPANY LAW			12	61	73
	2253	COST & WORKS ACCOUNTING - I		15	16	40	71
	2777	A COURSE IN ENVIRONMENTAL AWARENESS			GRADE		0
3	3113	BUSINESS REGULATORY FRAMEWORK			11	46	* 57
	3123	ADVANCED ACCOUNTING			11	56	* 67
	3143	INTERNATIONAL ECONOMICS			16	53	* 69
	3153	AUDITING & TAXATION		19	15	45	* 79
	3451	COST & WORKS ACCOUNTING-II		17	13	50	* 80
	3453	COST & WORKS ACCOUNTING-III		19	16	50	* 85

GRAND TOTAL (OUT OF 1200) 892

RESULT : FIRST CLASS WITH DISTINCTION

Director,
Board of Examinations & Evaluation

Medium of instruction: Marathi

DATE: 7 JUN 2019

SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)

GANESHKHIND, PUNE 411 007.

STATEMENT OF MARKS FOR B.Com. [illegible]

SEAT NO. [illegible] CENTRE [illegible] PERM REG. NO. : [illegible]

NAME : DHASKAR PUSHPALATA NANDLAL MOTHER : SHOBHA

COLLEGE 0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE AKOLE,A

YEAR	COURSE NAME	PASSING/OUT OF	8/20 PP	MARKS OBTAINED TEX.	32/80 UEX.	40/100 TOTAL
SUBJECT : COST & WORKS ACCOUNTING						
2	2113 BUSINESS COMMUNICATION		19	14	40	= 73
	2123 CORPORATE ACCOUNTING			21	49	= 80
	2132 BUSINESS ECONOMICS (MACRO)			14	42	= 68
	2143 SUPERVISION MANAGEMENT			16	50	= 76
	2153 ELEMENTS OF COMPANY LAW			17	44	= 73
	2161 COST & WORKS ACCOUNTING - I		15	11	50	= 71
	2171 A COURSE IN ENVIRONMENTAL AWARENESS			GRADE		0

TOTAL (OUT OF 600) 345+108= 465

RESULT : PASSED & 0.163

Grievance Cell

Faculty – Science

Years	Total Students For Final Year Examination	Revaluated Students	Total Students Complaints/ GrievanceS About Examination
2021-22	117	1)Pawar Khanderav Ramchandra	100%
2020-21	240	1)Galande Shraddha Sandip	100%
2019-20	190	1)Waghmare Tejas Dilip	100%
2018-19	178		-
2017-18	215		-

College Exam Officer

College Exam. Officer,
Agasti Arts,Commerce & Dadasaheb
Rupwate Science College,Akole,
Tal.Akole, Dist.Ahmednagar

Principal

PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE

I.D.No.PU/AN/ASC/018/1974, HSC/1176/July 1976 Dt. 1.7.76 H.S.C.No.J-12.01.001

साहसे श्री: प्रतिवसति ।

अकोले तालुका एज्युकेशन सोसायटीचे,

अगस्ति कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अकोले

मु.पो.ता. अकोले, जि. अहमदनगर पिन : ४२२ ६०१ (महाराष्ट्र)

ए.आय.एस.एच.ई.कोड : C-41748

। सावित्रीबाई फुले पुणे विद्यापीठ सर्वोत्कृष्ट संलग्न महाविद्यालय–२००७

। नॅक मानांकन : 'अ' दर्जा

डॉ. भास्कर शेळके
प्राचार्य

। M.A. M.Phil., Ph.D., D.Litt.
। Mob.: 9890686521, Ph. 02424 - 221248
। E-mail : shelke_bhaskar@yahoo.com

जा. क्र. एसी/परीक्षा/ 287/ 2023

दिनांक – 7/1/2023

प्रति ,
मा. संचालक ,
परीक्षा व मूल्यमापन मंडळ,
सावित्रीबाई फुले पुणे विद्यापीठ
गणेशखिंड पुणे

विषय – हॉल तिकीट Correction (Oct /Nov 2022) बाबत ..

महोदय ,

आमच्या महाविद्यालयातील विद्यार्थी PAWAR KHANDERAV RAMCHANDRA हा विद्यार्थी सध्या SYBSC -2019 Pattern नुसार शिक्षण घेत असून, हॉल तिकीट Correction करत असताना नजरचुकीने **(23151 – zo -231 Animal Diversity –III)** हा विषय Delete झाला आहे , तरी कृपया सदर विद्यार्थ्याचा खालील विषय त्याच्या हॉल तिकीट वर Add होणेस विनंती.

Sr.no	Students Name	class	Prn.NO	Add Subject
1	PAWAR KHANDERAV RAMCHANDRA	SYBSC-2019 Pattern	PRN-1172105597	(23151 – Zo -231 Animal Diversity –III)

(डॉ. भास्कर शेळके)
प्राचार्य,
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

Savitribai Phule Pune University

(Formerly University of Pune)

HallTicket For B.Sc. (Rev.2019) Oct/Nov 2022

SeatNo	PRN	CentreCode	CollegeCode	PUN Code
40094	1172105597	0117	0117	CAAA016190

Name : PAWAR KHANDERAV RAMCHANDRA

Mother : GITABAI

Centre : DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE

Sub Code	Subject Name	Type	Exam Date	Exam Time
11141	BO-111 PLANT LIFE AND UTILIZATION-I	IE		
12122	PHY-122 ELECTRICITY AND MAGNETISM	IE		
12123	PHY-123 PHYSICS LABORATORY _IB	IP		
12152	ZO-122 CELL BIOLOGY	IE		
23131	CH-301 PHYSICAL AND ANALYTICAL CHEMISTRY	IE		
23132	CH-302 INORGANIC AND ORGANIC CHEMISTRY	IE		
23133	CH-303 CHEMISTRY PRACTICAL - III	IP		
23141	BO-231 BOTANY THEORY PAPER - 1	IE		
23142	BO-232 BOTANY THEORY PAPER - 2	IE		
23143	BO-233 BOTANY PRACTICAL PAPER	IP		
23152	ZO-232 APPLIED ZOOLOGY I	IE		
23153	ZO-233 ZOOLOGY PRACTICAL PAPER	IP		
23341	AECC-II C LANGUAGE - HINDI	IE		
23361	AECC-I ENVIRONMENTAL AWARENESS	IE		
GR2-A	(GR2-A) SPORT REPRESENTATION AT COLLEGE LEVEL	G		
GR2-B	(GR2-B) SPORT REPRESENTATION AT UNIVERSITY/STATE LEVEL	G		
GR3-A	(GR3-A) NATIONAL SOCIAL SERVICE SCHEME (PARTICIPATION IN CAM	G		
GR3-B	(GR3-B) N.C.C. (WITH PARTICIPATION IN ANNUAL CAMP)	G		
GR3-C	(GR3-C) N.C.C. (WITH B CERTIFICATE/C CERTIFICATE AWARD)	G		
GR3-D	(GR3-D) N.S.S./N.C.C. REPUBLIC DAY PARADE PARTICIPATION	G		
GR4-A	(GR4-A) AVISHKAR PARTICIPATION: EXTENSION ACTIVITY PARTICIPA	G		
GR4-B	(GR4-B) AVISHKAR SELECTION AT UNIVERSITY LEVEL	G		
GR4-C	(GR4-C) AVISHKAR WINNER AT STATE LEVEL	G		
GR5-A	(GR5-A) RESEARCH PAPER PRESENTATION AT STATE LEVEL	G		
GR5-B	(GR5-B) RESEARCH PAPER PRESENTION AT INTERNATIONAL LEVEL	G		

Add - 23151 - ZO - 231 - Animal Diversity - III

GR5-C	(GR5-C) RESEARCH PAPER PRESENTATION AT NATIONAL LEVEL	G		
GR6-A	(GR6-A) PARTICIPATION IN SUMMER SCHOOL/PROGRAMME; SHORT TERM	G		
GR7-A	(GR7-A) SCIENTIFIC SURVEY, SOCIETAL SURVEY	G		
GR8-A	(GR8-A) FIELD VISITS; STUDY TOURS; INDUSTRIAL VISITS; PARTIC	G		
GR9-A	(GR9-A) ONLINE CERTIFICATE COURSES /MOOC COURSES/ CAREER ADV	G		

NOTE:

Students should ensure that details like Name,Photo, PRN, Subjects printed on Hall Ticket are correct. Incase of any discrepancy, please immediately contact to College Exam Officer (CEO).

In Case,College does not have Exam Center,please follow University Circular.

In Case of any discrepancy between hallticket & time table published on university website (http://exam.unipune.ac.in), the timetable on website to be followed.

Signature of Student

College Principal / Director

DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE

साहसे श्री: प्रतिवसति ।

Akole Taluka Education Society's
AGASTI ARTS, COMMERCE &
DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE
A/p. Tal. Akole, Dist. Ahmednagar, Pin - 422 601 (Maharashtra)

I Savitribai Phule Pune University Best College Award - 2007
I NAAC Aaccredited 'A' Grade

Dr. Bhaskar Shelke
Principal

I M.A. M.Phil., Ph.D., D.Litt.
I Mob.: 9890686521. Ph. 02424 - 22124
I E-mail : shelke_bhaskar@yahoo.com

By mail

जा. क्र./एसी/विप /result 1/24/2022

दिनांक - 10 /06 /2022

मा. संचालक ,
परीक्षा व मूल्यमापन मंडळ,
सावित्रीबाई फुले पुणे विद्यापीठ
गणेशखिंड पुणे -7

विषय – निकाल दुरुस्ती बाबत .. (Galande Shraddha Sandip (SYBSC-2019 Cradit Pattern)
College Code – 117
PUN. Code – CAAA016190

महोदय,

आमच्या महाविद्यालयातील विद्यार्थीनी (Galande Shraddha Sandip (SYBSC-2019 Cradit Pattern) नुसार परीक्षा दिलेली असताना Oct /Nov 2021 ऑनलाईन जाहीर झालेल्या निकाला मध्ये (ZO-231 ANIMAL DIVERSITY-III . Subcode -23151) नापास दाखविण्यात आलेले आहे. मात्र सदर विद्यार्थीनीच्या online score मध्ये 46 मार्क्स आहेत. तरी कृपया निकाल दुरुस्त करून मिळाल्यास परीक्षा फॉर्म भरणे सोईचे होईल .

सोबत :-
1) विद्यार्थी अर्ज
2) ऑनलाईन निकाल
3) ऑनलाईन score

(डॉ. भास्कर शेळके)
प्राचार्य
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते
विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

Page No.
Date

विनंती अर्ज दिनांक :- 10/6/2022

प्रति
सावित्रिबाई फुले पुणे विद्यापीठ

विषय - गुणपत्रिकेत आलेल्या चुकीच्या माहिती बाबत..

अर्जदार - गलांडे अद्या संदिप (SY. BSc)

महोदय,

मी अगास्ति उच्चमहाविद्यालय मध्ये शिक्षण घेत असून माझ्या परिक्षा गुणपत्रात Animal Diversity III या विषयास ४६ गुण असून विद्यापिठाकडून आलेल्या क्रेडिट गुणपत्रिकेत विषय फेल म्हणून दाखविण्यात आला. सदर विषयाचा मी Grievance form भरला असून या विषयात मी पास आहे. तर गुणपत्रिकेत दुरुस्ती करावी अशी विनंती.

फो.नं :- 8788109611
PRN. NO :- 1172006997
Seat No. :- 41707

SAVITRIBAI PHULE PUNE UNIVERSITY
(formerly University of Pune)
GANESHKHIND, PUNE 411007.

ranch : BACHELOR OF SCIENCE (Rev.2019) - OCTOBER 2021
eatNo : 41707 Centre : 0117 Perm Reg No(PRN) : 1172006997
tudent Name : GALANDE SHRADDHA SANDIP Mother Name : MANISHA
ıst.Name : 0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE AKOLE,A'NAGAR

EM SUBCODE	SUBJECT NAME	Crd	Grd	Grd I
GR8-A	FIELD VISITS; STUDY TOURS; INDUSTRIAL VISITS; PARTICIPATION IN CU	1	A+	!
23131	CH-301 PHYSICAL AND ANALYTICAL CHEMISTRY	2	A	016
23132	CH-302 INORGANIC AND ORGANIC CHEMISTRY	2	A	016
23133	CH-303 CHEMISTRY PRACTICAL - III	2	A	016
23141	BO-231 BOTANY THEORY PAPER - 1	2	A+	018
23142	BO-232 BOTANY THEORY PAPER - 2	2	A+	018
23143	BO-233 BOTANY PRACTICAL PAPER	2	O	020
23151	ZO-231 ANIMAL DIVERSITY III	0	F	000
23152	ZO-232 APPLIED ZOOLOGY I	2	A	016
23153	ZO-233 ZOOLOGY PRACTICAL PAPER	2	A+	018
23331	AECC-II B LANGUAGE - MARATHI	2	A	016
23361	AECC-I ENVIRONMENTAL AWARENESS	2	A+	018

RESULT DATE : 25 May 2022

ıe results published online are for immediate information only. These cannot be treated as original statement of marks,Please verify the formation from original statement of marks issued by the Savitribai Phule Pune University separately.

amresult.unipune.ac.in

account login.

Faculty Name	Science	Exam Name	B.Sc.(REGULAR) 2019 Credit Pattern
PRN	1172006997	Seat Number	41707
Student Name	GALANDE SHRADDHA SANDIP	Mother Name	MANISHA
PUNCODE	CAAA016190		

परीक्षा गैरप्रकार (unfair means)

ऑनलाइन परीक्षेचे गुण प्रदर्शित केल्यानंतरही परीक्षा गैरप्रकार (Unfair Means) केस विद्यापीठाच्या निदर्शनास आल्यास, अशा प्रकरणात प्रदर्शित केलेले गुण, परीक्षा गैरप्रकार अंतर्गत राखीव केले जाऊ शकतात. पुढील कार्यवाही परीक्षा प्रमाद समितीच्या निर्णयानुसार केली जाईल

Sr. No.	Unique Key	[Subject Code] Subject Name	Exam Date and Time	Online Exam Score	Remark
1	2002509	[23141] BO-231 BOTANY THEORY PAPER - 1	26/Mar/2022 04.00 PM To 06.00 PM	42	
2	2007673	[23331] AECC-II B LANGUAGE - MARATHI	19/Apr/2022 10.00 AM To 06.00 PM	34	Prev. Exam Date: Mar 28 2022 12.00AM Time 10.00 AM To 12.00 PM UniqueKey Update
3	2002263	[23131] CH-301 PHYSICAL AND ANALYTICAL CHEMISTRY	19/Mar/2022 04.00 PM To 06.00 PM	34	
4	2002510	[23142] BO-232 BOTANY THEORY PAPER - 2	17/Mar/2022 04.00 PM To 06.00 PM	45	
5	2006374	[23361] AECC-I ENVIRONMENTAL AWARENESS	22/Mar/2022 #N/A	48	
6	2004542	[23151] ZO-231 ANIMAL DIVERSITY III	06/May/2022 10.00 AM To 06.00 PM	46	
7	2002326	[23152] ZO-232 APPLIED ZOOLOGY I	23/Mar/2022 10.00 AM To 12.00 PM	32	
8	2002265	[23132] CH-302 INORGANIC AND ORGANIC CHEMISTRY	24/Mar/2022 04.00 PM To 06.00 PM	25	

Back

Inbox 10

Drafts

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Junk

FYBSC -2019 Credit Pat... Message 374 of 426

From **Agasti Arts Com.&Dada. Rupwate Sci.**

To **Examsupport, S & T Science**

Date **04-02-2021 9:29 am**

विद्यार्थी अर्ज.jpg(~121 KB)

Result -1.jpg(~140 KB)

Result -2.jpg(~139 KB)

Download all attachments

मा,सर,

आमच्या महाविद्यालयाचा विद्यार्थी वाघमारे तेजस दिलीप FYBSC 2019 Credit Pattern (March/April 2020) परीक्षेच्या निकाला मध्ये

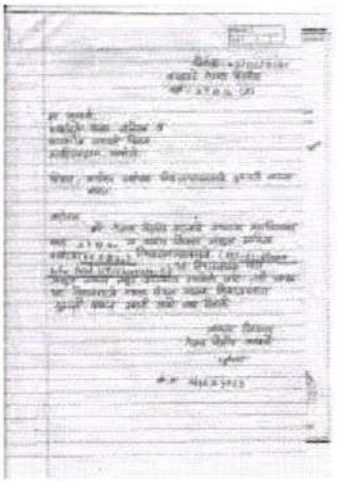
(BO-111-PLANT LIFE AND UTILIZATION-I) हा विषय PASS असताना दुसऱ्या Result मध्ये Fail दर्शविण्यात आलेला आहे. तरी कृपया सदर विद्यार्थ्याचा निकाल

दुरुस्त करून मिळावा ही विनंती.

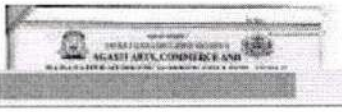
सोबत - विद्यार्थी अर्ज व दोन Result

प्राचार्य

--
Akole Taluka Education Society Agasti Arts$$ Commerce and Dadasa



विद्यार्थी अर्ज.jpg
~121 KB Show Download



दिनांक - 03/02/2021

वाघमारे तेजस दिलीप
वर्ग - S.Y.B.Sc (A)

मा. प्राचार्य,
अमरावती कला, वाणिज्य व
दादासाहेब रूपवते विज्ञान
महाविद्यालय, अकोले.

विषय - मागिल वर्षाच्या निकालपत्रकामध्ये दुरुस्ती करण्या बाबत.

महोदय,

मी तेजस दिलीप वाघमारे आपल्या महाविद्यालयात S.Y.B.Sc या वर्गात शिकत असुन मागिल वर्षाच्या (F.Y.B.Sc) निकालपत्रकामध्ये (BO-III-Plant Life And Utilization-I) या विषयामध्ये पास असुन नापास नमुद करण्यात आलेले आहे. तरी आपन या विषयामध्ये दखल घेऊन माझ्या निकालपत्रात दुरुस्ती करुन देयावी अशी नम्र विनंती.

आपला विश्वासु -
तेजस दिलीप वाघमारे

मो.नं - 7666319563

Sr.No.:

साहसे श्रीः प्रतिवसति ।

I.D. No. PU/AN/ASC/018/1974

AKOLE TALUKA EDUCATION SOCIETY'S

AGASTI ARTS, COMMERCE AND DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE

TAL.: AKOLE, DIST.: AHMEDNAGAR. (PIN : 422 601)

(AFFILIATED TO SAVITRIBAI PHULE PUNE UNIVESITY)

STATEMENT OF GRADES FOR: BSc_2019 Pattern CREDIT PATTERN Apr-2020

SEAT NO.: 6401 **CENTRE:** CAAA016190 **PERM REG. NO.:** 1171937488

NAME: WAGHMARE TEJAS DILIP **MOTHER:** SADHANA

	Crd	Grd	Grd Pnt	Crd Pnt
* BO-111-PLANT LIFE AND UTILIZATION-I	2	B+	7	14
BO-112-PLANT MORPHOLOGY AND ANATOMY	2	B	6	12
BO-113-PRACTICAL BASED ON BO111 AND BO112	1.5	A	8	12
CH-101-PHYSICAL CHEMISTRY	2	F	0	0
CH-102-ORGANIC CHEMISTRY	2	F	0	0
CH-103-CHEMISTRY PRACTICAL	1.5	A	8	12
MT-111-ALGEBRA	2	F	0	0
MT-112-CALCULUS-I	2	F	0	0
MT-113-MATHEMATICS PRACTICAL	1.5	A+	9	13.5
PHY-111-MECHANICS AND PROPERTIES OF MATTER	2	B	6	12
PHY-112-PHYSICS PRINCIPLES AND APPLICATIONS	2	F	0	0
PHY-113-PHYSICS LABORATORY-IA	1.5	B	6	9

First Semester SGPA : ----- Credits Earned/Total : 12/22 Total Credit Points: 84.5

* BO-121-PLANT LIFE AND UTILIZATION II	2	A	8	16
* BO-122-PRINCIPLES OF PLANT SCIENCE	2	B+	7	14
* BO-123-PRACTICAL BASED ON BO 121 & BO 122	1.5	A	8	12
* CH-201-INORGANIC CHMISTRY	2	B	6	12
* CH-202-ANALYTICAL CHEMISTRY	2	A	8	16
* CH-203-CHEMISTRY PRACTICAL -II	1.5	A	8	12
* G-1-PHYSICAL EDUCATION (GROUP-I, SEM-II)	1	B		
* MT-121-ANALYTICAL GEOMETRY	2	C	5	10
* MT-122-CALCULUS - II	2	C	5	10
* MT-123-MATHEMATICS PRACTICAL	1.5	A	8	12
* PHY-121-HEAT AND THERMODYNAMICS	2	A	8	16
* PHY-122-ELECTRICITY AND MAGNETISM	2	A+	9	18
* PHY-123-PHYSICS LABORATORY _IB	1.5	A+	9	13.5

Second Semester SGPA : 7.341 Credits Earned/Total : 22/22 Total Credit Points: 161.5

First Year Result : Fail A.T.K.T. Total Credits Earned : 34/44

* Non-Credit Course

ESTD. 1974 TAL-AKOLE DISTRICT AHMEDNAGAR

PRINCIPAL

Medium of Instruction: ENGLISH

STATEMENT NO.: 122 **DATE:** 24-Jul-2020

Sr.No.:

साहसे श्रीः प्रतिवसति ।

I.D. No. PU/AN/ASC/018/1974

AKOLE TALUKA EDUCATION SOCIETY'S

AGASTI ARTS, COMMERCE AND DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE

TAL.: AKOLE, DIST.: AHMEDNAGAR. (PIN : 422 601)

(AFFILIATED TO SAVITRIBAI PHULE PUNE UNIVESITY)

STATEMENT OF GRADES FOR: BSc_2019 Pattern CREDIT PATTERN — Apr-2020

SEAT NO.: 6401 **CENTRE:** CAAA016190 **PERM REG. NO.:** 1171937488

NAME: WAGHMARE TEJAS DILIP **MOTHER:** SADHANA

	Crd	Grd	Grd Pnt	Crd Pnt
* BO-111-PLANT LIFE AND UTILIZATION-I	2	F	0	0
BO-112-PLANT MORPHOLOGY AND ANATOMY	2	B	6	12
BO-113-PRACTICAL BASED ON BO111 AND BO112	1.5	A	8	12
* CH-101-PHYSICAL CHEMISTRY	2	A	8	16
* CH-102-ORGANIC CHEMISTRY	2	A	8	16
CH-103-CHEMISTRY PRACTICAL	1.5	A	8	12
* MT-111-ALGEBRA	2	B	6	12
* MT-112-CALCULUS-I	2	A	8	16
MT-113-MATHEMATICS PRACTICAL	1.5	A+	9	13.5
PHY-111-MECHANICS AND PROPERTIES OF MATTER	2	B	6	12
* PHY-112-PHYSICS PRINCIPLES AND APPLICATIONS	2	A	8	16
PHY-113-PHYSICS LABORATORY-IA	1.5	B	6	9

First Semester SGPA : ----- Credits Earned/Total : 20/22 Total Credit Points: 146.5

* BO-121-PLANT LIFE AND UTILIZATION II	2	A	8	16
* BO-122-PRINCIPLES OF PLANT SCIENCE	2	B+	7	14
* BO-123-PRACTICAL BASED ON BO 121 & BO 122	1.5	A	8	12
* CH-201-INORGANIC CHMISTRY	2	B	6	12
* CH-202-ANALYTICAL CHEMISTRY	2	A	8	16
* CH-203-CHEMISTRY PRACTICAL -II	1.5	A	8	12
* G-I-PHYSICAL EDUCATION (GROUP-I, SEM-II)	2	B		
* MT-121-ANALYTICAL GEOMETRY	2	C	5	10
* MT-122-CALCULUS - II	2	C	5	10
* MT-123-MATHEMATICS PRACTICAL	1.5	A	8	12
* PHY-121-HEAT AND THERMODYNAMICS	2	A	8	16
* PHY-122-ELECTRICITY AND MAGNETISM	2	A+	9	18
* PHY-123-PHYSICS LABORATORY _IB	1.5	A+	9	13.5

Second Semester SGPA : 7.341 Credits Earned/Total : 22/22 Total Credit Points: 161.5

First Year Result : Fail A.T.K.T. Total Credits Earned : 42/44

^ Non-Credit Course

PRINCIPAL

Medium of Instruction: ENGLISH

STATEMENT NO.: 92

EST.1974 TAL-AKOLE DIST-AHMEDNAGAR 422 601 AKOLE

Grievance Cell

Faculty –IT

Years	Total Students For Final Year Examination	Revaluated Students	Total Students Complaints/ GrievanceS About Examination
2021-22	117	1)Kadale Karishama Harishchandra 2)Wakchaure Amol Bhaskar	100% 100%
2020-21	240	1)Pichad Navnath Namdev	100%
2019-20	190		-
2018-19	178		-
2017-18	215		-

College Exam Officer

College Exam. Officer,
Agasti Arts,Commerce & Dadasaheb
Rupwate Science College,Akole,
Tal.Akole, Dist.Ahmednagar

Principal

PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE

Inbox 10
Drafts
Sent 2
Junk

TYBBA 2013 Pattern SE... Message 98 of 427

From **Agasti Arts, Comm. & Dadasaheb Rup**

To **Examsupport**

Date **24-06-2022 4:40 pm**

Kadale Karishma Haris...

Dear Sir/Madam

Please Attach a File

(Principal)

--
Akole Taluka Education Society
Agasti Arts, Commerce and Dada
Tal.- Akole, Dist.- Ahmednag
Pun Code: CAAA016190
College Code: 117 Centre Code: 065

साहसे श्री: प्रतिवसति ।

Akole Taluka Education Society's
AGASTI ARTS, COMMERCE &
DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE
A/p. Tal. Akole, Dist. Ahmednagar, Pin - 422 601 (Maharashtra)

I Savitribai Phule Pune University Best College Award - 2007
I NAAC Aaccredited 'A' Grade

Dr. Bhaskar Shelke
Principal

I M.A. M.Phil., Ph.D., D.Litt.
I Mob.: 9890686521. Ph. 02424 - 22124
I E-mail : shelke_bhaskar@yahoo.com

जा. क्र./एसी/विप /परीक्षा फॉर्म / 116 2022

दिनांक -23 /06 /2022

मा. संचालक ,
परीक्षा व मूल्यमापन मंडळ,
सावित्रीबाई फुले पुणे विद्यापीठ
गणेशखिंड पुणे -7

विषय – TYBBA (2013 Pattern) SEM –V Backlog परीक्षा फॉर्म भरताना चुकीचे विषय रद्द होणे बाबत..
College Code – 117
PUN. Code – CAAA016190

महोदय ,

आमच्या महाविद्यालयातील विद्यार्थीनी KADALE KARISHMA HARISHCHANDRA या विद्यार्थीनीने TYBBA 2013 Pattern (Backlog) परीक्षा फॉर्म भरत असताना तिचे जे विषय Fail झालेले आहेत. ते न येता दुसरेच विषय फॉर्म भरताना दिसतात. त्यामुळे तीला परीक्षा फॉर्म भरताना अडचण निर्माण होते. तरी कृपया तीचे TYBBA (2013 Pattern) SEM –V Backlog चे Fail झालेले विषय खालील प्रमाणे आहेत. ते विषय भरण्यास परवानगी मिळावी ही विनंती .

1) RESERCH METHODOLOGY (TOOLS & ANALYSIS) – (SUB CODE – 534)
2) RETAIL MANAGEMENT - (SUB CODE -539)

(डॉ. भास्कर शेळके)
प्राचार्य,
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते
विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

सोबत –
1) विद्यार्थी विनंती अर्ज
2) TYBBA 2013 Pattern गुणपत्रक

Page No:
Date / /

अर्ज

दि - 24/06/2022

मा. प्राचार्य
अगासी कला, वाणिज्य व
दादासाहेब रुपवते विज्ञान
महाविद्यालय अगोले.

अर्जदार - कडाळे करिश्मा हरिश्चंद्र

विषय - विषय बदलुन मिळणेबाबत.....

मी TYBBA या वर्गात शिकण्य घेत होते. सन २०२१ ची Online Exam मध्ये. दोन विषय Back ला राहिले होते. सदरी आता मला ते विषय द्यायचे आहेत. पण Research Methodology (Tools of Analysis) आणि Retail Management 2013 Pattern या विषयांऐवजी Research Methodology आणि Legal Aspects in Marketing Management हे विषय दयावा आहे. तरी माझा हे विषय बदलून मिळावे ही नम्र विनंती.

आपली आज्ञाधारक
K. H. Kadale
(कडाळे करिश्मा हरिश्चंद्र)

Mo. No. - 8411930689

Page No.:
Date. / /

Semester	Sub. Code	Subject Name
5	504	Research Methodology (Tools & Analysis)
5	509	Retail Management

Savitribai Phule Pune University

Examination Form Mar/Apr 2022

Form No :1619-**02912**

Course Name Bachelor Of Business Administration(Rev.2013)

PRN. 1011901673 Eligibility No. 12018272021 **Total Fee to be Paid: 790**

PUNCODE CAAA016190 College (0117) Agasti Arts Commerce and Dadasaheb Rupwate Science College

Instructions to the Candidate:

1.This Exam form along with fee amount should be submitted to the concerned college .
2.Repeater students should attach attested true copy of the latest mark sheet alongwith this form.
3.This form will be considered ONLY AFTER APPROVAL from the concern College Login.

To,
Director,
Board of Examination & Evaluation, Savitribai Phule Pune University, Pune-411 007.
Sir/Madam,
I request permission to present myself at the examination courses, mentioned below .

1.Personal Details:

Name of the Applicant		KADALE KARISHMA HARISHCHANDRA	
Name of the Applicant's Mother		SHAILA	
Address for Communication		AT LAHIT K H PO LINGDEV	
Email-ID	*kqdalekh2000@gmail.com*	Contact Number	*8805232413*
Gender	Female	Category	ST
Divyang/Learning Disable	No	Medium of Instruction	English

Applied Subjects Information :

Year/ Sem	Sub Code	Subject Name	Internal	External/ Theory	Grade/ Online	Practical/ Sessional	Project	Oral
5	511	(511) RESEARCH METHODOLOGY	Y	Y	N	N	N	N
5	516(A)	(516(A)) LEGAL ASPECTS IN MARKETING MANAGEMENT + PROJECT & VIVA	Y	Y	N	N	N	N

3. Fee Details

Fee Type	Fee Amount	Remarks
Form Fee	30	
Exam Fee	430	
Passing Certificate Fee	0	
CAP Fee	145	
Statement Of Marks Fee	145	
Project Fee/Dissertation	0	
EVS Fee	0	
Internal Marks Fee	40	
Departmental Fee	0	
Transcript Fee	0	
Late Fee	0	
Fine Fee	0	
Total Fee to Be Paid:	790	

Print Date:6/19/2022 3:47:24 PM

NO.: 21 - 0427662

SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)

GANESHKHIND PUNE 411 007

STATEMENT OF MARKS / GRADES FOR BACHELOR OF BUSINESS ADMINISTRATION (REV. 2013)

SEAT NO. 17321 CENTRE 065 PERM REG. NO. : 1011901673

NAME KADALE KARISHMA HARISHCHANDRA MOTHER : SHAILA

COLLEGE / SCHOOL 0117 ARTS, COMM. & SCI. COLG. AKOLE

Year : APRIL 2021

SEM.		PASSING/OUT OF	-/20 INT.	32/80 EXT.	40/100 TOT	
	PART : II					
3	301	PERSONALITY DEVELOPMENT	16	35	P 51	
	302	BUSINESS ETHICS	15	37	P 52	
	303	H.R.MANAGEMENT & ORGANIZATIONAL BEHAVIOUR	09	38	P 47	
	304	MANAGEMENT ACCOUNTING	08	32 $	P 40	
	305	BUSINESS ECONOMICS (MACRO)	15	44	P 59	
	306	I.T.IN MANAGEMENT	16	36	P 52	
4	401	PRODUCTION & OPERATIONS MANAGEMENT	16	48	P 64	
	402	INDUSTRIAL RELATIONS & LABOUR LAWS	16	48	P 64	
	403	BUSINESS TAXATION	09	34	P 43	
	404	INTERNATIONAL BUSINESS	14	44	P 58	
	405	MANAGEMENT INFORMATION SYSTEM	13	42	P 55	
	406	BUSINESS EXPOSURE (FIELD VISITS)(INT.-/50|EXT.20/50)	38	36	P 74	
	PART : III					
5	531	SUPPLY CHAIN & LOGISTICS MANAGEMENT	15	32	P 47	
	532	ENTREPRENEURSHIP DEVELOPMENT	15	32 $	P 47	
	533	BUSINESS LAW	P 17	* 32	49	
✓	534	RESEARCH METHODOLOGY (TOOLS & ANALYSIS)	P 19	* 26	45	FF
	538	(A) SALES MANAGEMENT	18	32 $	P 50	
✓	539	(A) RETAIL MANAGEMENT	P 15	* 22	37	FF
6	631	BUSINESS PLANNING & PROJECT MANAGEMENT	18	34	* 52	
	632	EVENT MANAGEMENT	17	32 $	* 49	
	633	MANAGEMENT CONTROL SYSTEM	20	35	* 55	
	634	E-COMMERCE	18	46	* 64	
	635	ADVERTISING & SALES PRAMOTION	16	40	* 56	
	640	CASES IN MARKETING / PROJECT (INT-/50|EXT 20/50)	47	21	* 68	

SPL. SUB. : MARKETING MANAGEMENT GRAND TOTAL (OUT OF 2400) 1278

FAILS $ 0.1

TYBBA (CA) 2019 परीक्षा ... Message 238 of 427

From **Agasti Arts Com.&Dada. Rupwate Sci.**

To **Examsupport, S & T Commerce**

Date **14-12-2021 5:59 pm**

Respected Sir/Madam

amol.pdf(~487 KB)

Please Attach a File.

Thanking You

(Principal)

--
Akole Taluka Education Society

I.D.No.PU/AN/ASC/018/1974. HSC/1176/July 1976 Dt. 1.7.76 H.S.C.No.J-12.01

साहसे श्री: प्रतिवसति ।

अकोले तालुका एज्युकेशन सोसायटीचे,

अगस्ति कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अको

मु.पो.ता. अकोले, जि. अहमदनगर पिन : ४२२ ६०१ (महाराष्ट्र)

। सावित्रीबाई फुले पुणे विद्यापीठ सर्वोत्कृष्ट संलग्न महाविद्यालय–२००७
। नॅक मानांकन : 'अ' दर्जा

डॉ. भास्कर शेळके
प्राचार्य

। M.A. M.Phil., Ph.D., D.Litt.
। Mob.: 9890686521. Ph. 02424 - 221
। E-mail : shelke_bhaskar@yahoo.c

जा. क्र./एसी/Exam Form /४५४/ २०२१

दिनांक -१४ /१२/२०२१

प्रती ,

मा. संचालक ,
परीक्षा व मूल्यमापन मंडळ,
सावित्रीबाई फुले पुणे विद्यापीठ
गणेशखिंड पुणे

विषय ;- TYBBA (CA) 2019 Pattern परीक्षा फॉर्म भरताना येणारी अडचण दूर होणे बाबत...

महोदय,

आमच्या महाविद्यालयातील विद्यार्थी WAKCHAURE AMOL BHASKAR या विद्यार्थ्याने SYBBA (CA) 2013 Pattern या वर्गाची परीक्षा देऊन (ATKT) उत्तीर्ण झालेला आहे. परंतु आता त्याला TYBBA (CA) 2019 Pattern या वर्गाचा परीक्षा फॉर्म भरताना अडचण येत आहे.

सोबत – विद्यार्थी अर्ज
FYBBA 2013 Pattern गुणपत्रक झेरॉक्स
SYBBA (CA) 2013 Pattern. गुणपत्रक झेरॉक्स
TYBBA (CA) 2019 Pattern प्रवेश पावती

(डॉ. भास्कर शेळके)
प्राचार्य
अगस्ति कला,वाणिज्य व दादासाहेब रुपवते
विज्ञान महाविद्यालय,अकोले,जि.अहमदनगर

अर्ज

दि. 14/12/2021

प्रति,
मा. प्राचार्य,
अमरावती कला, वाणिज्य व
दादासाहेब रूपवते विज्ञान
महाविद्यालय अकोले.

अर्जदार :- वाकचौरे अमोल भास्कर.
विषय :- परिक्षा फॉर्म भरण्याबाबत.

मा. महोदय,

मी वाकचौरे अमोल भास्कर आपल्या महाविद्यालयात 2017-18 ला FYBBA(CA) या वर्गात शिकत होतो. त्यानंतर मी 2018-19 ला SYBBA(CA) या वर्गात शिकत होतो. त्यावेळेस आम्हाला 2013 पॅटर्न होता. त्यानंतर माझा एक वर्षे गॅप पडला. ~~आ~~ व त्यानंतर मी आत्ता 2021-22 ला TYBBA(CA)ला प्रवेशित घेतले. व आता ~~TYB~~ या वर्षी TYBBA(CA)चा पॅटर्न चेंज होऊन आता 2019 पॅटर्न ~~आहे~~ असल्यामुळे मला परिक्षाफॉर्म भरण्यास अडचण आली आहे. त्यामुळे मला परिक्षा फॉर्म भरता येत नाहीय.

आपला विश्वासू
वाकचौरे अमोल भास्कर
@kchaure
14/12/2021
8459050192

SR. NO.: 00000000

साहसे श्रीः प्रतिवसति । I.D. No. PU/AN/ASC/018/1974

AKOLE TALUKA EDUCATION SOCIETY'S

AGASTI ARTS, COMMERCE AND DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE

TAL. AKOLE, DIST. AHMEDNAGAR

(AFFILIATED TO UNIVERSITY OF PUNE)

STATEMENT OF MARKS FOR EXAMINATION — FYBBA (Com. App.) Exam. - October 2020

SEAT NO. 9002 STUDENT ID: ACSP17009391

NAME WAKCHAURE AMOL BHASKAR MOTHER SUSHILA

AADHAR NO : 815668560566 ELIGIBILITY NO : 12017218778

CENTRE NO. 065 INSTITUTE / COLLEGE NO.

YEAR October 2020 COURSE NAME FYBBA (Com. App.) MARKS OBTAINED

			PP/OR	TEX	UEX	TOTAL	
101		Modern Operating Environment & MS Office		11	33	44	
102		Financial Accounting		14	32	46	$
103		Programming Principles & Algorithms		13	36	49	
104		Business Communication		09	35	44	
105		Principles of Management		16	35	51	
106		Computer Lab. and Practical Work (Out of 100)			77	77	
201		Procedure Oriented Programming Using C		14	40	54	$
202		Data Base Management System		08	32	40	
203	*	Organizational Behavior		08	34	42	
204	*	Computer Applications in Statistics		08	48	56	
205		E- Commerce Concepts		11	36	47	
206		Computer Lab. and Practical Work (Out of 100)			87	87	
299		Physical Education			GRADE	C	

GRAND TOTAL (OUT OF 1200) : 637

$ = 0.1 $ = 0.1

RESULT : SECOND CLASS

Principal,
(Signature & Stamp)

College Examination Officer

Date : 5 Jul 2021

C = 0.4 & = 0.163 S = 0.1 G = 0.1 & 0.163 * = CURRENT APPEARANCE
AA - ABSENT EE - EXTERNAL FFF - FAIL IN COURSE TEX - TERM END EXAMINATION UEX - UNIVERSITY EXAMINATION PP - PRACTICAL EXAMINATIO

NO.: 21 - 0136331

SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)

GANESHKHIND PUNE 411 007

STATEMENT OF MARKS / GRADES FOR BACHELOR OF BUSINESS ADMINISTRATION (COMP.APPLI.)

SEAT NO. 19147 CENTRE 065 PERM REG. NO. :1021801416

NAME WAKCHAURE AMOL BHASKAR MOTHER : SUSHILA

COLLEGE / SCHOOL 0117 ARTS,COMM.& SCI.COLG.AKOLE

Year :OCTOBER 2020

SEM.			PASSING/OUT OF	-/20 INT.	32/80 EXT.	40/100 TOT	
	PART : II						
3	331	RELATIONAL DATA BASED MANAGEMENT SYSTEMS	P 10		* 45	55	
	332	DATA STRUCTURE USING C	P 14		* 77	91	
	333	OPERATING SYSTEM CONCEPTS	P 08		* 72	80	
	334	BUSINESS MATHEMATICS	P 12		* 35	47	
	335	SOFTWARE ENGINEERING	P 12		* 64	76	
	336	LAB.COURSE III (BASED ON PAPER NO.331 & 332) (OUTOF 100)			74	P 74	
4	431	OOP'S USING C++		18	AB	* 18	FF
	432	PROGRAMMING IN VISUAL BASIC		18	61	* 79	
	433	COMPUTER NETWORKING		18	67	* 85	
	434	ENTERPRISE RESOURCE PLANNING		13	51	* 64	
	435	HUMAN RESOURCE MANAGEMENT		12	53	* 65	
	436	LAB.COURSE IV (BASED ON PAPER NO.431 & 432) (OUTOF 100)			73	* 73	

TOTAL (OUT OF 1200) 807

FAIL A.T.K.T.

Director

Board of Examinations & Evaluation

Medium of instruction: English

DATE : 22 JUN 2021

ST.NO.: 01741

Akole Taluka Education Society's

Student Copy

Agasti Arts, Commerce and Dadasaheb Rupwate Science College, Akole

A/P: Akole, Tal : Akole, Dist : Ahmednagar, Pincode : 422601

Provisional Admission Fee Reciept (Senior College 2021-2022)

RECEIPT NO.	R-NGC212200596	STUDENT ID	ACSP17009391
CANDIDATE NAME	WAKCHAURE AMOL BHASKAR	CATEGORY	PAYING
STREAM	PROFESSIONAL_COURSES	FEE-TYPE	NON GRANT AID
COURSE & YEAR	TYBBA (COM. APP.)	DATE	16-11-2021

Sr.No.	Particulars	Amt.	Received Amt.	Sr.No.	Particulars	Amt.	Received Amt.
1	REGI. FEE	25	25.00	2	GYM. FEE	50	50.00
3	TUTION FEE	13000	1925.00	4	STUD. SAFE INS.	10	0.00
5	LAB. FEE	4800	0.00	6	STU. WALF. FEE	25	0.00
7	S.A.F.	185	0.00	8	NSS FEE	10	0.00
9	COMP. FEE	25	0.00	10	LIBRARY FEE	50	0.00
11	UNIV. DEVE. FEE	188	0.00	12	STU. ACTIV. FEE	500	0.00
13	ADM. FEE	20	0.00	14			

Total Fee : 18888/- **Paid Fee : 2000/-** **Balance Fee : 16888/-**

Amount Paid : TWO THOUSAND RUPEES ONLY

1. Please do not lose this receipt.
2. Produced whenever asked.
3. This is Computer generated receipt, signature not required.

Sign.

16-11-2021

www.agastitech.com

साहसे श्री: प्रतिवसति ।
I.D.No.PU/AN/ASC/018/1974 | HSC/1176/July 1976 Dt. 1.7.76 | H.S.C.No.J-12.01.001
Akole Taluka Education Society's
AGASTI ARTS, COMMERCE &
DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE
A/p. Tal. Akole, Dist. Ahmednagar, Pin - 422 601 (Maharashtra)
AIS.HE.Code : C-41748
Savitribai Phule Pune University Best College Award - 2007
NAAC Aaccredited 'A' Grade
Dr. Bhaskar Shelke
Principal
M.A. M.Phil., Ph.D., D.Litt.
Mob.: 9890686521. Ph. 02424 - 221248
E-mail : shelke_bhaskar@yahoo.com

जा. क्र./एसी/विप /निकाल /94 / 2023 BY Hand दिनांक - 08 /02 /2023

मा. संचालक ,
परीक्षा व मूल्यमापन मंडळ,
सावित्रीबाई फुले पुणे विद्यापीठ
गणेशखिंड पुणे

विषय – निकाल मिळणे बाबत ...
Collage Code - 117

महोदय,

आमच्या महाविद्यालयाचा विद्यार्थी **पिचड नवनाथ नामदेव** याने oct /nov 2021 या सत्रात TYBsc (Computer Sci.) 2013 Pattern या वर्गाची परीक्षा देऊन उत्तीर्ण झालेला आहे.मात्र महाविद्यालयाकडे त्याचा निकाल प्राप्त झालेला नाही.

महाविद्यालयाकडे Passing Certificate मात्र प्राप्त झालेले आहे. तरी कृपया सदर विद्यार्थ्याचा निकाल देऊन सहकार्य करावे हि विनंती.

(डॉ. भास्कर शेळके)
प्राचार्य,
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते
विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

सोबत –

1) Passing Certificate
2) Hall Ticket
3) Online Result Print

O/C

Thank you.
Received
03/03/2023

09/10/2023

Date : / /
Page

-: अर्ज :-

Date: 07/04/2023

प्रति
मा. प्राचार्य
अगस्ती मह विद्यालय, अकोले
ता. अकोले. जि. अ. नगर

विषय: निकालाबाबत

महोदय,

मी Oct-Nov 2021 Bsc. comp. sci रिझ 2013 परिक्षा दिली होती. माझा परिक्षा क्र 3038202 हो ता. सदर परिक्षेचा ऑनलाईन निकाल प्राप्त झाला आहे.

मात्र कॉलेजमध्ये मला माझ्या निकालाचे passing सर्टिफीकेट मिळाले आहे. मात्र मुळ निकाल पत्र मिळाले नाही. तरी मला माझे मुळ निकाल पत्र मिळावे ही नम्र विनंती.

* सोबत
1) Passing certificate.
2) online result copy.
3) Hallticket
4) Examfrom student.

आपला विश्वासु
Navnath Pinnad
Pinnad
07/04/2023.

No.: 22 - 1827617

SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)

GANESHKHIND PUNE 411 007

STATEMENT OF MARKS/GRADES FOR
B.Sc.COMP.SCI.)(2013)

SEAT NO.: 30382 CENTRE : 065 P.R.NO.: 1101403344
NAME : PICHAD NAVNATH NAMDEV MOTHER : SUNITA
COLLEGE : 0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE AKOLE,A'NAGAR
YEAR : OCTOBER 2021

	COURSE NAME	MARKS OBTAINED INT.	EXT.	TOTAL
21121	CS -211 DATA STRUCTURES USING C	05	* 19	24
21122	CS -212 RELA.DATABASE MGNT.SYSTEMS	05	* 28	33
21221	MTC-211 APPLIED ALGEBRA	04	* 22	26
21222	MTC-212 NUMERICAL ANALYSIS	05	16	21
21321	ELC-211 DIGITAL SYSTEM HARDWARE	05	* 33	38
21322	ELC-212 ANALOG SYSTEMS	05	* 39	44
21521	EN -211 ENGLISH	07	20	27
22121	CS-221 OBJECT ORIENTED CONCEPTS USING C++	06	* 22	28
22122	CS-222 SOFTWARE ENGINEERING	06	19	25
22123	CS-223 DATA STRUCTURES PRACT.& C++ PRACT.	18	61	79
22124	CS-224 DATABASE PRACT.& MINI PROJ.USING SOFTWARE ENGG.TECHNIQUES	GRADE		C
22221	MTC-221 COMPUTATIONAL GEOMETRY	04	* 16#	20#
22222	MTC-222 OPERATIONS RESEARCH	04	17	21
22223	MTC-223 PRACTICAL MATHEMATICS	18	49	67
22321	EL-221 8051 ARCH.,INTERFACING & PROG.	06	* 34	40
22322	EL-222 COMMUNICATION PRINCIPLES	08	21	29
22323	EL-223 PRACTICAL ELECTRONICS	17	59	76
22521	EN-221 ENGLISH	08	17	25
22727	A COURSE IN ENVIRONMENTAL AWARENESS	GRADE		A
31121	CS -331 SYSTEM PROGRAMMING	06	* 27	33
31122	CS -332 THEORETICAL COMPUTER SCIENCE	05	* 30	35
31123	CS -333 COMPUTER NETWORKS - I	08	20	28
31124	CS -334 INTERNET PROGRAMMING - I	10	16	26
31125	CS -335 PROGRAMMING IN JAVA - I	08	* 37	45
31126	CS -336 OBJECT ORIENTED SOFTWARE ENGINEERING	07	17	24
32131	CS -341 OPERATING SYSTEM	04	16	20
32132	CS -342 COMPLIER CONSTRUCTION	05	* 29	34
32133	CS -343 COMPUTER NETWORKS - II	06	16	22
32134	CS -344 INTERNET PROGRAMMING - II	10	* 38	48
32135	CS -345 PROGRAMMING IN JAVA - II	08	* 38	46
32136	CS -346 COMPUTER GRAPHICS	07	* 40	47
32137	CS -347 LAB COURSE I SYSTEM PROG.& O.S.	18	45	63
32138	CS -348 LAB COURSE II PROG.IN JAVA I & II & COMP.GRAPHICS	16	50	66
32139	CS -349 LAB COURSE III INTERNET PROG.I,II & PROJECT	19	56	75

PRINCIPAL TOTAL 801 /1200

GRAND TOTAL(OUT OF 1900) 1235

RESULT : FIRST CLASS # 0.4

Medium of instruction: English

DATE : 10 MAY 2022 ST.NO.: 00388

Dr. Mahesh Kakade
Director
Board of Examinations & Evaluation

NO.: 22 - 0212491

SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)

GANESHKHIND PUNE 411 007

Passing Certificate

This is to certify that -

Shri PICHAD NAVNATH NAMDEV Mother's Name:-SUNITA

has appeared for the Bachelor of Science (Computer Science) examination held in month of October 2021 and declared to have passed the examination in FIRST CLASS.

This is further to certify that he is eligible for the aforesaid Degree Certificate, whenever he applies for the same at the University Convocation.

Passing Certificate issued by Savitribai Phule Pune University shall be treated as the Provisional Degree Certificate till the candidate gets his/her degree certificate in the ensuing Convocation ceremony.

Seat No. : 30382

P.R.No. : 1101403344

College code: 0117

Mahesh Kakade
Director
Board of Examinations & Evaluation

DATE : 10 MAY 2022

Grievance Cell

Faculty – Wine Brewing & Alcohol Technology

Years	Total Students For Final Year Examination	Revaluated Students	Total Students Complaints/ GrievanceS About Examination
2021-22	117	1) Zaware Kiran Nanasaheb	100%
2020-21	240		-
2019-20	190		-
2018-19	178		-
2017-18	215		-

College Exam Officer

College Exam. Officer,
Agasti Arts,Commerce & Dadasaheb
Rupwate Science College,Akole,
Tal.Akole, Dist.Ahmednagar

Principal

PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE

अर्ज.

दि. 08/02/2017

प्रति,
मा० प्राचार्य,
अगस्ति कॉलेज अकोले,

अर्जदार - ढोकळे हर्षद भाऊसाहेब.
क्लास - T.Y.Bsc (W.T)
रोल नं. - 03
दि 08/02/2017

विषय - मार्कशिटवरील नावात दुरुस्ती बाबत.

महोदय,

मा० प्राचार्य मी ढोकळे हर्षद भाऊसाहेब असा अर्ज करतो की मी T.Y.Bsc (WT) या वर्गात शिकत असून, माझे Third Same च्या मार्कशिटवरील नावात वडिलांच्या नावात चुक झालेली असुन ती लवकरात लवकर दुरुस्त व्हावी हि नम्र विनंती.

कळावे,

आपला विश्वासू
ढोकळे हर्षद भाऊसाहेब.

Changes from -
change
BAHUSAHEB A To
BHAUSAHEB L

~~Bhokale~~

08/02/2017

BSc Wine Technology (2013 Pattern)
Exam - March / April 2017

B176003 065

DHOKALE HARSHAD BHAUSAHEB SAVITA
0117 AGASTI ARTS, COMMERCE AND DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE

YEAR : March / April 2017 BSc (Wine Technology) MARKS OBTAINED

SEM				TEX	UEX	TOTAL	
			Theory	04/10	16/40	20/50	
			Practical	08/20	32/80	40/100	
III	WT-331	Project 1 Viticulture		08	37	45	
	WT-332	Basic Chemical Engineering Principles		09	32	41	
	WT-333	Equipment and Utilities		07	16	23	FF
	WT-334	Pre. & Post Fermentation Processing in Winery		10	16	26	FF
	WT-335	Health Benefits of Wine		06	19	25	FF
	WT-336	Byproducts & Waste Management		08	21	29	FF
	WT-341	Project 2 Winery		07	30	37	FF
IV	WT-342	Fruit & Fortified Wines		08	28	36	FF
	WT-343	Wine Defects, Identification & Rectification		05	29	34	FF
	WT-344	Wine Laws, Management & Taxation		09	16	25	FF
	WT-345	Wine Market & Marketing		09	25	34	FF
	WT-346	Term Paper & Seminar		08	23	31	FF
	WT-301	Sensory Evaluation of Wine (Practical)		16	56	72	
	WT-302	Microbiology & Wine Making (Practical)		18	60	78	
	WT-303	Practicals Based on Chemical Engineering		17	56	73	

GRAND TOTAL (OUT OF 1500) : **609**

RESULT : FAIL $ = 0.1

24 June 2017

MOB. NO:-9021423712

classmate

Date
Page

विनंती अर्ज

दि - 26/10/2022

मा. प्राचार्य सर
अगस्ती कॉलेज, अकोले,
ता. अकोले. जि. अ.नगर

विषय - N.C.C कॅम्प ला जाणेबाबत....

अर्जदार :. आवरे किरण नानासाहेब.
(T.Y. Bsc Wine Tech)

महोदय,

उपरोक्त विषयान्वये अर्ज करतो की. मी. आवरे किरण नानासाहेब. T.Y. Bsc Wine Tech या वर्गात शिकत असुन, 9/11/2022 ते 8/11/2022 या कालावधीत माझा N.C.C चा camp आहे. तसेच 09/11/2022 ते 08/11/2022 या कालावधीत मार्च, Internal Exam आहे, ही Exam मला camp वरुन आल्यावर, देण्याची परवानगी द्यावी. ही नम्र विनंती.

Prof Kotkar
Shri Phatewagore Sir
Allow
Waghmare
29/10/2022

कळावे.
आपला आज्ञाधारक.
आवरे किरण नानासाहेब.
Fawre.

प्राचार्य - 29/10/2022

09/11/2022

MOVEMENT ORDER

1. No. **MH/21/SDA/416464** Rank - **L/CPL** Name - **ZAWARE KIRAN NANASAHEB** Unit : **57 Maharashtra Bn NCC, Ahmednagar** and party of **NIL** will proceed to **attend PRE-MENU 2023 (SD/SW) to be held at RP Gogate College, Ratnagiri wef 01 Nov 2022 to 08 Nov 2022.**

(a) Departure date and time - **29 Oct 2022 (AN)**

(b) Route via : **MR**

(c) Authority: **NCC Group HQ, Aurangabad letter No. 1517/G-I/17/MENU-23 dated 28 Sep 2022.**

2. *Remarks* : **Cdt is report to Camp Commandant, PRE-MENU 2023 (SD/SW) RP Gogate College, Ratnagiri wef 01 Nov 2022 to 08 Nov 20222.**

3. On arrival at **Ratnagiri**. They will report to **Camp Commandant, PRE-MENU 2023 (SD/SW), RP Gogate College, Ratnagiri (2 Mah Naval Unit NCC, Ratnagiri).**

4. SOS 30 Oct 2022 SORS 30 Oct 2022 Rationed up to and far 29 Oct 2022

5. They are not allowed break journey enroute.

6. Rly warrant No. - Date - From - to - and back for return/single journey issued to him/them and will be exchanged for soldiers tickets at the starting Station.

7. The party is in possession of the u/m arms/amn the safe custody of which has been explained to them :- **Nil.**

(Pankaj Sawhney)
Col
Commanding Officer

No. G/171/COC/2022-23
57 Maharashtra Bn NCC
Ahmednagar - 414 003

Oct 2022

Distributions :-

a) Individual
b) Camp Commandant, PRE-MENU 2023, Ratnagiri
c) 2 Mah Naval Unit NCC, Ratnagiri
d) NCC Group HQ, Aurangabad
e) Principal/ANO, ACS College, Akole
f) Office copy

Grievance Cell

Faculty – MA

Years	Total Students For Final Year Examination	Revaluated Students	Total Students Complaints/ GrievanceS About Examination
2021-22	117		-
2020-21	240	1)Yelmame Samadhan Vishwanath	100%
2019-20	190		-
2018-19	178	2)Jadhav Kalpana Baban	100%
2017-18	215		-

College Exam Officer

College Exam. Officer,
Agasti Arts,Commerce & Dadasaheb
Rupwate Science College,Akole,
Tal.Akole, Dist.Ahmednagar

Principal

PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE

Back Compose Reply Reply a Forwar Delete Print Junk Mark More Move to...

Inbox 366
Drafts
Sent 8
Trash

YELMAME SAMADHAN VISHWANATH .... Message 1 of 693

From **Agasti Arts Com.&Dada. Rupwate Sci.CollegeAkole**
To **Exam support**
Date **Tue, 11 Jan 2022 12:26:41 +0530**

मा. सर,

yelmame.jpg

सदर विद्यार्थी MA -II या वर्गात शिकत असून परीक्षा फॉर्म भरताना त्याच्याकडून विषय चुकलेले होते. त्याला परत फॉर्म भरण्यासाठी त्याचा फॉर्म डिलिट करण्यास कोणतीही अडचण नाही .

(प्राचार्य)

--
Akole Taluka Education Society Agasti Arts$$ Commerce and Dadasaheb Rupwate Science College Addr: Akole College Akole Ta: Akole Dist: Ahmednagar

yelmame.jpg

yelmame.jpg
124 KB Show Download

प्रा. येलमामे
आगस्ती कॉलेज mail
7387676477
प्रशिन [illegible]
MA-II

विषय ;- गुणपत्रीकेतील विषय दुरुस्ती बाबत ....

महोदय,

आमच्या महाविद्यालयातील विद्यार्थी YELMAME SAMADHAN VISHWANATH हा विद्यार्थी एप्रिल २०२१ मध्ये MA-I सेम-II (POLITICAL SCIENCE) हा विषय घेऊन परीक्षेला बसलेला होता. त्याच्या कडून ऑनलाईन परीक्षा फॉर्म भरताना आमच्या महाविद्यालयात शिकविला जात असलेला विषय निवडणे आवश्यक होते. त्याने चुकीचा विषय निवडल्यामुळे त्याचा निकल FAIL आलेला आहे.

तरी सदर विद्यार्थ्याचा विषय बदलून मिळवा ही विनंती

SR.NO	NAME	PRN.NO	Add Subject	Deleted Subject
1	YELMAME SAMADHAN VISHWANATH	2492004042	22404 - POLITICS AND THE MEDIA	22405-HUMAN RIGHT

सोबत – १) विद्यार्थी अर्ज

२) MA- I गुणपत्रक झेरॉक्स

(डॉ. भास्कर शेळके)

प्राचार्य

अगस्ति कला, वाणि[illegible]पदासाहेब रुपवते

विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

ubject: **Re: YELMAME SAMADHAN VISHWANATH .MA-I फी. बाबत.**

om: Examsupport <examsupport@pun.unipune.ac.in>
Agasti Arts Com.&Dada. Rupwate Sci.CollegeAkole
<caaa016190@pun.unipune.ac.in>

ate: Fri, 14 Jan 2022 11:12:02 +0530

अकोले तालुका एज्युकेशन सोसायटीचे,
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अकोले
मु.पो.ता. अकोले, जि. अहमदनगर पिन : ४२२ ६०१ (महाराष्ट्र)

सावित्रीबाई फुले पुणे विद्यापीठ सर्वोत्कृष्ट संलग्न महाविद्यालय–२००७
नॅक पीअर्वेलन : ३ रा दौरा

डॉ. भास्कर शेळके
प्राचार्य

M.A. M.Phil., Ph.D., D.Litt.
Mob.: 9890686521. Ph. 02424 - 221248
E-mail : shelke_bhaskar@yahoo.com

aspected Sir/Madam,

xam form is completed, so delete it form college login

-

ıanks & Regards,

ɛam Support Team,

ɔPU.

------ Original Message --------

ubject:YELMAME SAMADHAN VISHWANATH .MA-I फी. बाबत.
Date:11-01-2022 12:26 pm
From:"Agasti Arts Com.&Dada. Rupwate Sci.CollegeAkole" <caaa016190@pun.unipune.ac.in>
To: Exam support <examsupport@pun.unipune.ac.in>

. सर,

द्दर विद्यार्थी MA -II या वर्गात शिकत असून परीक्षा फॉर्म भरताना त्याच्याकडून विषय चुकलेले होते. त्याला परत फॉर्म भरण्यासाठी त्याचा फॉर्म डिलिट करण्यास णतीही अडचण नाही .

प्राचार्य)

:ole Taluka Education Society Agasti Arts$$ Commerce and Dadasaheb Rupwate Science College Addr: Akole College
:ole Ta: Akole Dist: Ahmednagar

ıis message has been scanned for viruses and
ɜngerous content, and is believed to be clean.

ıis message has been scanned for viruses and
ɜngerous content, and is believed to be clean.

जाक: एसी/विप/गुणपत्रक दुरुस्ती/534/2019 दि. 25–11–2019

प्रति,

मा. संचालक,
परीक्षा मंडळ व मूल्यमापन
सावित्रीबाई फुले पुणे विद्यापीठ,
गणेशखिंड, पुणे 7.

विषय : एमए (राज्यशास्त्र)2013 पॅटर्न विद्यापीठ परीक्षा निकाल दुरुस्तीबाबत.
कु.जाधव कल्पना बबन,,पीआर नं.2491804561.

महोदय,

कु.जाधव कल्पना बबन,,पीआर नं.2491804561 असून सदर विद्यार्थ्याचे एमए (राज्यशास्त्र 2013 पॅटर्न) सेमें.1 व 2 या मुळगुणपत्रकांमध्ये आईचे नांवाचे स्पेलिंग चुकलेले आहे. गुणपत्रकामध्ये आईचे नांव INDIBAU असे झालेले आहे. याऐवजी INDUBAI असे असणे आवश्यक आहे.

या पत्रासोबत विद्यार्थ्याचा अर्ज व चलन क.4895 रु.500/–दि. 20–11–2019 चे जोडले आहे. तसेच मागील वर्गाचे मुळगुणपत्रक, इ.12 वी गुणपत्रकांची झेरॉक्स इत्यादी पाठवित आहे. तरी सदर विद्यार्थ्यांचे नावाची दुरुस्ती होऊन निकालपत्रक दुरुस्त करुन मिळावा ही विनंती.

कळावे,

आपला विश्वासू,

(डॉ.भास्कर शेळके)
प्राचार्य
अगस्ति कला,वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय,अकोले,जि.अहमदनगर

परीक्षा विभाग
सावित्रीबाई फुले पुणे विद्यापीठ, पुणे-७.
(पूर्वीचे पुणे विद्यापीठ)
दिनांक 27 DEC 2019
छाननी व तालिनीकरण कक्ष
आवक क्र.

4895

(To be attached to the application) D

BANK OF MAHARASHTRA
University Branch only

Paid into the credit of UNIVERSITY OF PUNE

the sum of Rs. 500

(Rupees (in words) FIVE HONDRED ONLY)

Particulars		Rs.	P.
Exam. Fees Year			
Law	101004		
Management	101015		
Edn.Exam	101002		
Statement of Marks	113005		
Late Fee	113006		
C.A.P.	113014		
Passing Certificate	112008		
Name Correction	112004		
BOP	113011		
sub. change	113012	500	
	Total Rs.	500	

20 NOV 2019 RECEIVED

Name of the Candidate (in full, in Block Letters)

JADHAV KALPANA BABAN

Permanent Address AT - RALAMB
TAL - AKOLE
DIST AHAMADANAGAR

Date : 20/11/2019

Place : Pune

Receiving Cashier
Seal of the Bank.

PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE
TAL.AKOLE, DIST.A.NAGAR - 42

CORRECTION IN FOR : NAME / PRN / COLLEGE / CENTRE

University of Pune

MANAGEMENT INFORMATION CELL

.....Exam : Apr/Oct..... Date : 23/10/2019

1. Batch No. ..... 2. Sr. No. ..... (Mentioned in the hall ticket)

3. Name of the Candidate : Jadhav Kalpana Baban

4. Name of the College : Dadasaheb Rupawate Arts, Science and Commerce College

5. College Code No. 0117 6. Centre Code No. .....

7. Seat No. 15751 8. P.R. No. 249180 4561

To,
System Analyst,
Management Information Cell,
University of Pune,
Pune - 411007.

Subject : Correction in Name / ~~PRN~~ / ~~College~~ / ~~Centre~~

Dear Sir,

I am in receipt of Admit Card for M.A. (2nd) Examination to be held in April/ May/ October /Dec, 20.19 . I have detected the following mistakes in the Admit Card. Please correct them.

Particulars of entries as appeared in the Admit Card		Correct entries as it should appear in the Admit Card in CAPITAL LETTERS	
	In-Correct		Correct
9. Name	Indibau		INDUBAI
10. P.R. Number			
11. College Code No.			
12. Centre Code No.			
13. If Any			

Yours faithfully,

(Signature of Candidate)

Forwarded through the principal of the College:

Seal & Signature of the Principal of the College

PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, A
TAL.AKOLE, DIST. A.NAGAR - 42

Savitribai Phule Pune University

(Formerly University of Pune)

HallTicket For M.A. (REV.2013) Oct./Nov.-2019

SeatNo	PRN	CentreCode	CollegeCode	PUN Code
15751	2491804561	0117	0117	CAAA016190

Name : JADHAV KALPANA BABAN

Mother : INDIBAU

Centre : DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE

Sub Code	Subject Name	Type	Exam Date	Exam Time
30092	INTRODUCTION TO CYBER SECURITY - III	I		
30094	SKILL DEVELOPMENT - I	I		
32491	POLITICAL THINKING IN MODERN INDIA	IE	07/11/2019	02.00 PM
32492	POLITICAL SOCIOLOGY	IE	08/11/2019	02.00 PM
32493	THEORY OF INTERNATIONAL RELATIONS	IE	11/11/2019	02.00 PM
32495	INDIAN ADMINISTRATION	IE	13/11/2019	02.00 PM

NOTE:

Students should ensure that details like Name,Photo, PRN, Subjects printed on Hall Ticket are correct. Incase of any discrepancy, please immediately contact to College Exam Officer (CEO).

In Case,College does not have Exam Center,please follow University Circular.

In Case of any discrepancy between hallticket & time table published on university website (http://exam.unipune.ac.in), the timetable on website to be followed.

Signature of Student

College Principal / Director

PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE
RUPWATE SCIENCE COLLEGE, AKOLE
TAL.AKOLE, DIST.AHMEDNAGAR - 422 601

PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE
TAL.AKOLE, DIST.AHMEDNAGAR - 422 601

महाराष्ट्र राज्य माध्यमिक व उच्च माध्यमिक शिक्षण मंडळ, पुणे
Maharashtra State Board Of Secondary and Higher Secondary Education, Pune

PUNE DIVISIONAL BOARD विभागीय मंडळ

उच्च माध्यमिक प्रमाणपत्र परीक्षा – गुणपत्रक

HIGHER SECONDARY CERTIFICATE EXAMINATION – STATEMENT OF MARKS

शाखा STREAM	आसन क्रमांक SEAT NO.	केन्द्र क्रमांक CENTRE NO.	जिल्हा व उच्च माध्य. शाळा क्रमांक DIST. & HR. SEC. SCHOOL NO.	परीक्षेचा महिना व वर्ष MONTH & YEAR OF EXAM.	गुणपत्रिकेचा अनुक्रमांक SR. NO. OF STATEMENT
ARTS	P083132	271	12.01.009	FEB-2006	086606

उमेदवाराचे संपूर्ण नाव (आडनाव प्रथम) / CANDIDATE'S FULL NAME (SURNAME FIRST)

JADHAV KALPANA BABAN

उमेदवाराच्या आईचे नाव/Candidate's Mother's Name INDUBAI

विषय SUBJECTS	अनिवार्य भाषा COMPULSORY LANGUAGES		वैकल्पिक विषय OPTIONAL SUBJECTS					व्यावसायिक विषय VOCATIONAL SUBJECT	एकूण गुण TOTAL MARKS
* विषयाचा सांकेतिक क्रमांक * SUBJECT CODE ⇨	01	02	04	38	39	49	--	--	
$ माध्यम/MEDIUM ⇨	ENG	MAR	HIN	MAR	MAR	MAR	--	--	
कमाल गुण MAXIMUM MARKS	100	100	100	100	100	100	100	200	600 / 700
प्राप्त गुण ⇨ MARKS OBTAINED	062	074	064	070	073	084	--	--	427

एकूण गुण (अक्षरी) TOTAL MARKS (IN WORDS)	* FOUR HUNDRED AND TWENTYSEVEN *		
गुणांची टक्केवारी PERCENTAGE OF MARKS	71.17	निकाल RESULT	PASS

* विषयांचा सांकेतिक क्रमांक तपशील मागील पृष्ठावर पहावा.
* Please see the subject code description overleaf.

$ माध्यमाचा तपशील मागील पृष्ठावर पहावा.
$ Please see description of medium overleaf.

महत्त्वाचे - गुणपत्रिका देणाऱ्या प्राधिकाऱ्याशिवाय अन्य कोणालाही या गुणपत्रिकेत कोणताही बदल करता येणार नाही. अनधिकृत बदल केल्यास ही गुणपत्रिका रद्द होईल याशिवाय मंडळ ठरवील त्यानुसार योग्य ती इतर दंडात्मक कारवाई होऊ शकेल.

Important -No change in this Statement of Marks shall be made except by the authority issuing it. Any infringement of this requirement will result in cancellation of the statement of marks in question and may also involve imposition of other appropriate penalty as decided by the Board.

टीप/Note : उत्तीर्ण होण्यासाठी प्रत्येक विषयात किमान ३५% गुण आवश्यक. Minimum 35% marks are essential to pass in each subject.

XX - ही खूण विषयात सूट दर्शविते. XX - Indicates Exemption in the subject.

AA - ही खूण अनुपस्थिती दर्शविते. AA - Indicates Absent.

एकूण गुणात दिलेली + ही खूण विनियमानुसार प्रथम श्रेणी साठी आवश्यक जादा गुण दिल्याचे दर्शविते.

+ Sign, if shown under the total marks, indicates the grace marks awarded for getting Grade I as per regulation of the Board.

विभागीय सचिव
Divisional Secretary
MSBSHSE

F1208134

72311210410

प्रमाणपत्राच्या श्रेणी / Grades of Certificate

विशेष प्राविण्यासह प्रथम श्रेणी (Grade I with Distinction)	प्रथम श्रेणी (Grade I)	द्वितीय श्रेणी (Grade II)	उत्तीर्ण श्रेणी (Grade Pass)
७५% व त्यापेक्षा अधिक गुण 75% and above	६०% व त्यापेक्षा अधिक परंतु ७५% पेक्षा कमी गुण 60% and above but below 75%	४५% व त्यापेक्षा अधिक परंतु ६०% पेक्षा कमी गुण 45% and above but below 60%	इतर सर्व उत्तीर्ण उमेदवार (विषयात सूट घेतलेल्या उमेदवारासह) All other successful candidates (including the exempted)

PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE
TAL.AKOLE. DIST. A.NAGAR - 422 6

Recipient of International Award for Institutional Excellence from Commonwealth of Learning, Canada
Yashwantrao Chavan Maharashtra Open University, Nashik
(Established by Government of Maharashtra)

Statement of Marks for Bachelor of Arts Examination: May / June - 2018

Name: JADHAV KALPANA BABAN

Mother Name: INDUBAI

PRN: 2012017000996004 Seat Number: CG01640257

Study Center: ARTS,COMMERCE and DADASAHEB RUPVATE SCIENCE COLLEGE (51964)

Exam Center : Ahmednagar (29)

Course Code	Course Name	AM	UA			CA			Total			Sts	Rmk
			Max	Min	Obt	Max	Min	Obt	Max	Min	Obt		
SOC291	Paryavaran va Samaj	TH	80	32	49	20	--	12	100	40	61	P	E,C
SOC292	Gramin Samajshastra	TH	80	32	48	20	--	12	100	40	60	P	E,C
SOC295	Loksankhya Shikshan	TH	80	32	52	20	--	13	100	40	65	P	E,C
SOC294	Aoudhyogik Samajshastra	TH	80	32	77	20	--	19	100	40	96	P	E,C
SOC293	Samajshastrache Abhijat Wicharwant	TH	80	32	99	20	--	15	100	40	74	P	E,C
SOC312	Wayewardhan Prakriya	TH	80	32	55	20	--	14	100	40	69	P	E,C
F.Y. B.A.(Seat No: AG01003226)			Exam Event: January-2017						600	--	306	P	
S.Y. B.A.(Seat No: BG01347865) 2017			Exam Event: April/May -						600	--	310	P	

Grand Total: 735 out of 1200 (Seven Hundred and Thirty Five) Ordinance: Not applied

Result: Pass Class: First Class Percentage: 61.25 %

Abbreviations: CA: College Assessment, UA: University Assessment, AM: Assessment Method, Sts: Result Status, Rmk: Remarks, TH: Theory, P: Pass, F: Fail, AB: Absent, RR: Result Reserved, X: Past Appearance, E: Exempted, T/ATKT: Allowed To Keep Term, M: Performance cancelled, D: Detained, PNO: Paper Not Opted, EHB: Explicitly Held Back, NP: No Punishment, AB: AbsentButPassed, #: Exemption claimed and approved, N: Not Exempted, C: Current Appearance, SPH: Special Passing Head, CO: Completed, IC: Incompleted, *: Condonation Applied

Statement No: 106354089

Date: 12 Jul 2018

Controller of Examinations

PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOL
TAL.AKOLE, DIST.AHMEDNAGAR - 422

NO.: 18 - UU89453

SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)

GANESHKHIND, PUNE 411 007.

ATEMENT OF MARKS FOR MASTER OF ARTS (REV.2013)

SEAT NO. 22497 CENTRE 65 PERM REG. NO. : 2491804561

NAME JADHAV KALPANA BABAN MOTHER : INDIBAU

COLLEGE 0117 ARTS,COMM.& SCI.COLG.AKOLE

YEAR : OCTOBER 2018

1. NAME OF THE COURSE	<- MARKS -> INT	UEX	TOT	CRE- DITS	GR- ADE	GP
BJECT : POLITICS						
HUMAN RIGHTS - I	14	-	14 *	01	B+	!
INTRODUCTION TO CYBER SECURITY - I	15	-	15 *	01	A	!
POLITICAL THEORY	26	35	61 *	04	A	032
PUBLIC ADMINISTRATION	28	41	69 *	04	A	032
POLITICAL INSTIUTIONS IN INDIA	24	35	59 *	04	B+	028
MODERN POLITICAL IDEOLOGIES	25	37	62 *	04	A	032
PA : (1) 7.750			TOTAL	16		124

PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE
TAL.AKOLE, DIST. AKOLA - 422

! - Not considered for calculation of final grade

Medium of instruction: English

Director,
Board of Examinations & Evaluation

DATE : 21 JAN 2019

SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)

GANESHKHIND, PUNE 411 007.

ATEMENT OF MARKS FOR MASTER OF ARTS (REV.2013)

SEAT NO. 21297 CENTRE 65 PERM REG. NO. : 2491804561

NAME JADHAV KALPANA BABAN MOTHER : INDIBAU

COLLEGE 0117 ARTS,COMM.& SCI.COLG.AKOLE

YEAR : APRIL 2019

SEM.	NAME OF THE COURSE	<- MARKS -> INT	UEX	TOT	CRE-DITS	GR-ADE	GP
	SUBJECT : POLITICS						
1	HUMAN RIGHTS - I	14	-	14	P 01	B+	!
	INTRODUCTION TO CYBER SECURITY - I	15	-	15	P 01	A	!
	POLITICAL THEORY	26	35	61	P 04	A	032
	PUBLIC ADMINISTRATION	28	41	69	P 04	A	032
	POLITICAL INSTIUTIONS IN INDIA	24	35	59	P 04	B+	028
	MODERN POLITICAL IDEOLOGIES	25	37	62	P 04	A	032
2	HUMAN RIGHTS - II	13	-	13	* 01	B	!
	INTRODUCTION TO CYBER SECURITY - II	13	-	13	* 01	B	!
	PUBLIC POLICY	30	40	70	* 04	A+	036
	ISSUES IN WORLD POLITICS	35	36	71	* 04	A+	036
	COMPARATIVE POLITICS	30	35	65	* 04	A	032
	HUMAN RIGHTS	32	39	71	* 04	A+	036
				TOTAL	32		264

SGPA : (1) 7.750(2) 8.750

PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOL
TAL.AKOLE DIST.AHMADNAGAR - 422 6

! - Not considered for calculation of final grade

Medium of instruction: English

Director,
Board of Examinations & Evaluation

DATE : 6 JUL 2019

NO.: 18 - 0089435

SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)

GANESHKHIND, PUNE 411 007.

STATEMENT OF MARKS FOR MASTER OF ARTS (REV.2013)

SEAT NO. 22497 CENTRE 65 PERM REG. NO. : 2491804561

NAME JADHAV KALPANA BABAN MOTHER : INDIBAU

COLLEGE 0117 ARTS,COMM.& SCI.COLG.AKOLE

YEAR : OCTOBER 2018

SEM.	NAME OF THE COURSE	<- MARKS -> INT	UEX	TOT	CREDITS	GRADE	GP
SUBJECT : POLITICS							
	HUMAN RIGHTS - I	14	-	14 *	01	B+	!
	INTRODUCTION TO CYBER SECURITY - I	15	-	15 *	01	A	!
	POLITICAL THEORY	26	35	61 *	04	A	032
	PUBLIC ADMINISTRATION	28	41	69 *	04	A	032
	POLITICAL INSTIUTIONS IN INDIA	24	35	59 *	04	B+	028
	MODERN POLITICAL IDEOLOGIES	25	37	62 *	04	A	032
GPA : (1) 7.750				TOTAL	16		124

PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE
TAL.AKOLE DIST.AHMADNAGAR - 422 60

! - Not considered for calculation of final grade

Medium of instruction: English

Director,
Board of Examinations & Evaluation

DATE : 21 JAN 2019

Grievance Cell

Faculty – MCOM

Years	Total Students For Final Year Examination	Revaluated Students	Total Students Complaints/ GrievanceS About Examination
2021-22	117	1)Shaikh Nazim Rahimuddin	100%
2020-21	240	-	-
2019-20	190	-	-
2018-19	178	1)Wakchaure Dipak Shivaji	100%
2017-18	215		

College Exam Officer

College Exam. Officer.
Agasti Arts,Commerce & Dadasaheb
Rupwate Science College,Akole,
Tal.Akole, Dist.Ahmednagar

Principal

PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE

MM List of M.COM 2013 ... Message 82 of 427

From **Agasti Arts, Comm. & Dadasaheb Rup**
To **S & T Commerce**
Date **25-08-2022 5:46 pm**

M.Com.25.08.2022.pdf...

Dear Sir/Madam,

Please Attach a file.

Thanks & Regards,

(Principal)

--
Akole Taluka Education Society
Agasti Arts, Commerce and Dada
Tal.- Akole, Dist.- Ahmedna
Pun Code: CAAA016190
College Code: 117 Centre Code: 065

I.D.No.PU/AN/ASC/018/1974. HSC/1176/July 1976 Dt. 1.7.76 H.S.C.No.J-12.01.00

साहसे श्रीः प्रतिवसति ।

Akole Taluka Education Society's

AGASTI ARTS, COMMERCE & DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE

A/p. Tal. Akole, Dist. Ahmednagar, Pin - 422 601 (Maharashtra)

I Savitribai Phule Pune University Best College Award - 2007
I NAAC Aaccredited 'A' Grade

Dr. Bhaskar Shelke
Principal

I M.A. M.Phil., Ph.D., D.Litt.
I Mob.: 9890686521, Ph. 02424 - 221248
I E-mail : shelke_bhaskar@yahoo.com

By mail

जा. क्र./एसी/विप /परीक्षा / 30 / 2022

दिनांक - 25/8 2022

मा. संचालक ,
परीक्षा व मूल्यमापन मंडळ,
सावित्रीबाई फुले पुणे विद्यापीठ
गणेशखिंड पुणे

विषय – MM List of M.COM 2013 & 2019 Pattern April 2022 बाबत ...
PUN Code – CAAA016190
Collage Code – 117

महोदय ,

दिनांक 24/8/2022 रोजी प्राप्त झालेल्या Mail नुसार ,आमच्या महाविद्यालयाच्या विद्यार्थ्यांची माहिती सोबत जोडून पाठवित आहोत . सदर विद्यार्थी हा दिनांक 4/7/2022 रोजी झालेल्या M.COM.2019 Pattern नुसार झालेल्या **CAPITAL MARKET & FINANCIAL (421)** या पेपर ला Absent असून तसा online Report विद्यापीठाला त्याच दिवशी पाठविलेला आहे. आवश्यक ते सर्व Report सोबत जोडलेले आहेत. स्वीकार व्हावा ही विनंती .

सोबत –

1) Absent Report
2) विद्यापीठाला पाठविलेला online Report
3) Supervisor Report
4) Hall Ticket झेरॉक्स

AGASTI ARTS, COMM. & DADASAHEB RUPWATE SCIENCE COLLEGE • EST. 1974 TAL. AKOLE DISTRICT AHEDNAGAR 422601

(डॉ. भास्कर शेळके)
प्राचार्य,
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

Subject **Fwd: MM list of M.COM 2013 & 2019 PATT. APRIL-2022.**

From S. & T. Commerce <st-commerce@pun.unipune.ac.in>

To <CAAA016130@pun.unipune.ac.in>,
<CAAP014140@pun.unipune.ac.in>,
<CAAN017440@pun.unipune.ac.in>,
<CAAN018470@pun.unipune.ac.in>,
<CAAP010570@pun.unipune.ac.in>,
<CAAP010130@pun.unipune.ac.in>,
<CAAP010490@pun.unipune.ac.in>,
<CAAN017510@pun.unipune.ac.in>,
<CAAA016190@pun.unipune.ac.in>,
<CAAP010860@pun.unipune.ac.in>,
<CAAP011420@pun.unipune.ac.in>,
<CAAN017460@pun.unipune.ac.in>,
<CAAP010430@pun.unipune.ac.in>,
<CAAN018470@pun.unipune.ac.in>,
<CAAP010570@pun.unipune.ac.in>,
<CAAN017750@pun.unipune.ac.in>,
<CAAA017010@pun.unipune.ac.in>,
<CAAN017450@pun.unipune.ac.in>,
<CAAP010170@pun.unipune.ac.in>,
<CAAN018160@pun.unipune.ac.in>,
<CAAD018950@pun.unipune.ac.in>,
<CAAN018440@pun.unipune.ac.in>,
<CAAP011820@pun.unipune.ac.in>,
<CAAA016210@pun.unipune.ac.in>,
<CAAP010160@pun.unipune.ac.in>,
<CAAA016320@pun.unipune.ac.in>,
<CAAP010250@pun.unipune.ac.in>

Cc Sunitah <sunitah@unipune.ac.in>

Date Thu, 25 Aug 2022 12:34:10 +0530

- MM list of M.COM 2013 PATT. APRIL-2022.xlsx (9 KB)
- MM LIST OF M.COM SEM.-1 2013 PATT. APRIL-2022.pdf (45 KB)
- MM LIST OF M.COM SEM.-2 2013 PATT. APRIL-2022.pdf (46 KB)
- MM LIST OF M.COM SEM.-3 2013 PATT. APRIL-2022.pdf (44 KB)
- MM LIST OF M.COM SEM.-4 2013 PATT. APRIL-2022.pdf (45 KB)
- MM list of M.COM 2019 PATT. APRIL-2022.xlsx (10 KB)
- MM LIST OF M.COM SEM.-1 2019 PATT. APRIL-2022.pdf (49 KB)
- MM LIST OF M.COM SEM.-2 2019 PATT. APRIL-2022.pdf (63 KB)
- MM LIST OF M.COM SEM.-3 2019 PATT. APRIL-2022.pdf (42 KB)
- MM LIST OF M.COM SEM.-4 2019 PATT. APRIL-2022.pdf (54 KB)

Respected Sir/Madam,

Pl. find attached herewith the list of students M.com.2019 & 2013 patt. April 2022 Exam. As per the mentioned student list, Barcode Section has not found the any correct data of concerned students. Now pl. immediately send the Absentee /Present report these students by mail for the result processing.

Thanks & Regards,

A.S.O.

S&T Commerce Exam

COURSE CC	Semester	EXAM CEN	SEAT NO	SUBJECT CC	STATUS
25019	1	57	33032	133	NS
25019	2	147	20604	235	NS
25019	2	1093	22928	224	NS
25019	2	62	27978 222B		NS
25019	4	147	20695 422A		NS
25019	2	168	30913 222B		NS
25019	4	180	21245	435	NS
25019	4	55	20140 422B		NS
25019	1	164	21219	135	NS
25019	2	152	30847 222A		NS
25019	4	117	33282	421	NS
25019	2	228	26287	221	NS
25019	1	154	23701	135	NS
25019	2	147	20594	235	NS
25019	4	87	30156	421	NS
25019	4	146	25368	433	NS
25019	2	164	21126 222B		NS
25019	2	168	30897 222B		NS
25019	1	57	33025	133	NS
25019	2	164	21219	236	NS
25019	4	180	21221	423	NS
25019	2	154	23702	235	NS
25019	1	164	21219	136	NS
25019	2	1093	22928	223	NS
25019	2	293	31120 222A		NS
25019	2	167	33844 222B		NS
25019	2	167	33825 222B		NS
25019	2	164	21219	235	NS
25019	3	88	30426	336	NS
25019	2	154	23701	236	NS
25019	2	293	31111 222A		NS
25019	2	72	20562 222B		NS
25019	2	167	33850 222B		NS
25019	4	180	21251	435	NS
25019	2	147	20608	235	NS
25019	2	154	23701	235	NS
25019	4	180	21254	435	NS
25019	2	105	28204 222B		NS
25019	2	154	23702	236	NS
25019	2	821	31448	221	NS
25019	2	104	29240 222B		NS

Savitribai Phule Pune University, Pune - 7

Examination of First / Second Half of the Year

Junior Supervisor / Attendance Report

Sr. No. 3378417

Form - 02

Separate report is to be used for each Pattern, Exam, Semester, Subject and Section as applicable.

College Code: 0 1 1 7

Paste here header sticker of Barcode sticker sheet

Block No : 01

s of Absent Students / Unused Barcode Stickers :

No 33282
No 1902603
CM&FS
tre 117

421-CM&FS
Sem:4 25019

Please paste Barcode Sticker of Absent Student here

se paste Barcode Sticker of Absent Student here

Please paste Barcode Sticker of Absent Student here

se paste Barcode Sticker of Absent Student here

Please paste Barcode Sticker of Absent Student here

प्राचार्य,
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

se paste Barcode Sticker of Absent Student here

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SAVITRIBAI PHULE PUNE UNIVERSITY

Submission of AB to CAP Center

DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE

Examination Date : 04.07.2022

M.COM. (REV.2019): [421] CAPITAL MARKET & FINANCIAL SERVICES

No of Candiddates	Present	Absent	UnfairMeans	Emergency
53	51	2	0	0

Absentee Report

Sr. No.	Seat No	Student Name	Inst Name	Sec 1 Barcode	Sec 2 Barcode
1	33282	SHAIKH NAZIM RAHIMUDDIN	DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE	1902603	
2	33352	KATORE DILIP GUNAJI	DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE	1902643	

4/7/22 — 4/7/2022

SENIOR SUPERVISOR.

University Exam Of March 2022.

ARTS-ART, COMMERCE & DADASAHEB RUPWATE SCIENCE COLLEGE AKOLE DIST AHMEDNAGAR

College Code 117 Center Code 065

Signature of Princpal

CENTRE CODE 065

प्राचार्य,
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते
विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

Savitribai Phule Pune University Exam July 2022

Vasti Arts Commerce and Dadasaheb Rupwate Science College Akole Dist A.Nagar

Time - 2 to 5 Date- 04/07/2022

ABSENT REPORT

Block No	Patt./Class/ Sem.	Subject &Sub.code	Absent Seat No.	Stre nth	Abse nt	Present	Emergancy Barcode Seat No	Supervisor Name,Sign.&Date
1	2019 mcom II sem.IV	Capital market ghinanre [421]	33282	29	01	28	—	Prof. kanade K.G.
2	-11-	-11-	33352	24	1	23	—	Prof-Talape A.R.
						28		
			Total=		2	23		
						51		

CENTRE CODE 065

4/7/22

4/7/22

SENIOR SUPERVISOR.

University Exam Oct March 2022

VASTI ART COMMERCE & DADASAHEB RUPWATE SCIENCE COLLEGE AKOLE DIST AHMEDNAGAR

College Code 117 Center Code 065

प्राचार्य

वसंत कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

Savitribai Phule Pune University

(Formerly University of Pune)

HallTicket For M.COM. (REV.2019) Mar/Apr 2022

SeatNo	PRN	CentreCode	CollegeCode.	PUN Code
33282	2502003063	0117	0117	CAAA016190

Name : SHAIKH NAZIM RAHIMUDDIN

Mother : NOORBANO

Centre : DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE

Sub Code	Subject Name	Type	Exam Date	Exam Time
322	RESEARCH METHODOLOGY FOR BUSINESS	I		
323	ADVANCED AUDITING	I		
392	INTRODUCTION TO CYBER SECURITY - III	I		
394	SKILL DEVELOPMENT - I	I		
421	CAPITAL MARKET & FINANCIAL SERVICES	IE		
422A	INDUSTRIAL ECONOMIC ENVIRONMENT	IE		
423	RECENT ADVANCES IN ACCOUNTING,TAXATION & AUDITING	IE		
424	PROJECT WORK / CASE STUDIES	IPJ		
492	INTRODUCTION TO CYBER SECURITY - IV	I		
494	SKILL DEVELOPMENT - II	I		

NOTE:

Students should ensure that details like Name,Photo, PRN, Subjects printed on Hall Ticket are correct. Incase of any discrepancy, please immediately contact to College Exam Officer (CEO).

In Case,College does not have Exam Center,please follow University Circular.

In Case of any discrepancy between hallticket & time table published on university website (http://exam.unipune.ac.in), the timetable on website to be followed.

Shaikh N.R.

Signature of Student

College Principal / Director

DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE
दादासाहेब रुपवते कला, विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

जाक: एसी/विप यु 5अ/मार्च 2019/38 /2019 दि.15/05/2019

प्रति,

मा. संचालक,
परीक्षा मंडळ व मूल्यमापन,
सावित्रीबाई फुले पुणे विद्यापीठ,
गणेशखिंड, पुणे –7.

विषय : एमकॉम विद्यापीठ परीक्षा,
मार्च/एप्रिल 2019 ॲडमिट कार्डावरील दुरुस्तीबाबत..

महोदय,

आमच्या महाविद्यालयातील विद्यार्थ्यांचा विहीत नमुन्यातील ॲडमिट कार्डावरील दुरुस्तीसाठीचा अर्ज आपणांकडे पुढील योग्य त्या कार्यवाहीसाठी पाठवित आहोत. कृपया योग्य ती दुरुस्ती व्हावी . विद्यार्थ्यांची यादी खालीलप्रमाणे.

अ.क.	विद्यार्थ्याचे नाव	वर्ग	बैठक क.	पीआर नं.
1	कु.वाकचौरे दिपक शिवाजी	एमकॉम	21006	2501702925

कळावे,

आपला विश्वासू,

(डॉ.भास्कर शेळके)
प्राचार्य,
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

20/6/19

CORRECTION IN FOR : NAME / PRN / COLLEGE / CENTRE

University of Pune

MANAGEMENT INFORMATION CELL

M:COM II(4) Exam : Apr/Oct 2019 Date : 13/04/2019

1. Batch No. ..... 2. Sr. No. ..... (Mentioned in the hall ticket)

3. Name of the Candidate : WAKCHAURE DIPAK SHIVAJI

4. Name of the College : DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE AKOLE

5. College Code No. 0117 6. Centre Code No. 0117

7. Seat No. 21006 8. P.R. No. 2501702925

To,
System Analyst,
Management Information Cell,
University of Pune,
Pune - 411007.

Subject : Correction in Name / PRN / College / Centre

Dear Sir,

I am in receipt of Admit Card for M:COM: II SEM(4) Examination to be held in April/ May/ ~~October~~ /~~Dec~~, 2019..... . I have detected the following mistakes in the Admit Card. Please correct them.

	Particulars of entries as appeared in the Admit Card	Correct entries as it should appear in the Admit Card in CAPITAL LETTERS
	In-Correct	**Correct**
9.	Name	
	WAKCHUARE DIPAK SHIVAJI	WAKCHAURE DIPAK SHIVAJI
10.	P.R. Number	
11.	College Code No.	
12.	Centre Code No.	
13.	If Any	

Yours faithfully,

(Signature of Candidate)

Forwarded through the principal of the College:

Seal & Signature of the Principal of the College

PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE
TAL. AKOLE, DIST. AHMEDNAGAR - 422 601

Savitribai Phule Pune University

(Formerly University of Pune)

HallTicket For M.COM. (REV.2013) Mar./Apr.-2019

SeatNo	PRN	CentreCode	CollegeCode	PUN Code
21006	2501702925	0117	0117	CAAA016190

Name : WAKCHUARE DIPAK SHIVAJI

Mother : SUSHILA

Centre : DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE

Sub Code	Subject Name	Type	Exam Date	Exam Time
404	PROJECT WORK (ADVANCED A/CING & TAXATION)	IPJ		
492	INTRODUCTION TO CYBER SECURITY - IV	I		
494	SKILL DEVELOPMENT - II	I		
402A	INDUSTRIAL ECONOMIC ENVIRONMENT	IE		
401	CAPITAL MARKET & FINANCIAL SERVICES	IE		
403	RECENT ADV.IN ACCOUNTING,TAXATION & AUDITING	IE		

NOTE:

Students should ensure that details like Name,Photo, PRN, Subjects printed on Hall Ticket are correct. Incase of any discrepancy, please immediately contact to College Exam Officer (CEO).

In Case,College does not have Exam Center,please follow University Circular.

In Case of any discrepancy between hallticket & time table published on university website (http://exam.unipune.ac.in), the timetable on website to be followed.

Signature of Student

College Principal / Director

DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE

PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE
TAL.AKOLE, DIST.AHMEDNAGAR - 422 601

PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE
TAL.AKOLE, DIST.AHMEDNAGAR - 422 601

No change in any entry in this certificate shall be made except by the authority issuing if any and infringement is liable to involve the imposition of penalty such that of rustication.

साहसे श्री : प्रतिवसति ।

AKOLE TALUKA EDUCATION SOCIETY'S,

No. 909

AGASTI ARTS, COMMERCE & DADASAHEB RUPWATE SCIENCE COLLEGE,AKOLE

NO. 120

Tal. Akole, Dist. Ahmednagar (MS) 422 601

NAAC REACCREDITED - 'A' PUNE UNIVERSITY BEST COLLEGE AWARD FIRST PRIZE WINNER

TRANSFERENCE CERTIFICATE

Affiliated to University of Pune Identification No. PU/AN/ASC/018(1974) Gen. Reg. No. 16201/2014-15

Certified that Mr./Miss. - WAKCHAURE DIPAK SHIVAJI

Mothers Name Sushila

has been student of this college from 26/06/2014
and has kept terms as under

1) Class TYBCom First term Granted days attended.
Second term Granted days attended.

2) He / She appeared for the College / University Exam. April - 2017
and Passed in First Class

3) His / Her date of birth entered in the college register is 21/06/1997
(In word Twenty First June Nineteen Ninety-Seven.)

4) He / She has no book in his possession belonging to college.

5) He / She owes no money to this college on any account.

6) He / She bears good moral character.

7) He / She has satisfactorily carried out practical work in science subject by performing necessary experiments.

8) Remarks No Dues

Date : 27/06/2017

AGASTI ARTS, COMMERCE & DADASAHEB RUPWATE SCIENCE COLLEGE * DISTRICT AHMEDNAGAR * AKOLE *

Principal
PRINCIPAL,
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE

भारत सरकार

आधार

भारतीय विशिष्ट ओळख प्राधिकरण

भारत सरकार
Unique Identification Authority of India
Government of India

नोंदणी क्रमांक:/ Enrolment No.: 2006/21112/12331

To
दीपक शिवाजी वाकचौरे
Dipak Shivaji Wakchaure
Ta-Akole
Mu/Po-Parkhatpur
Akole
Ahmadnagar Maharashtra - 422601
9689945294

Download Date: 15/11/2017

Generation Date: 07/10/2017

आपला आधार क्रमांक / Your Aadhaar No. :

4351 8527 8328

माझे आधार, माझी ओळख

भारत सरकार
Government of India

दीपक शिवाजी वाकचौरे
Dipak Shivaji Wakchaure
जन्म तारीख/DOB: 21/06/1997
पुरुष/ MALE

4351 8527 8328

माझे आधार, माझी ओळख

Government of India

AADHAAR

सूचना

- आधार ओळखीचे प्रमाण आहे, नागरीकत्वेचे नाही.
- ओळखीचे प्रमाण ऑनलाइन ऑथेन्टीकेशन द्वारा प्राप्त करा.
- हे इलेक्ट्रॉनिक प्रक्रिये द्वारा तयार झालेले एक पत्र आहे.

INFORMATION

- Aadhaar is a proof of identity, not of citizenship.
- To establish identity, authenticate online.
- This is electronically generated letter.

- आधारला देशभरात मान्यता आहे.
- आधार भविष्यात सरकारी व खाजगी सेवांचे फायदे मिळविण्यास उपयुक्त आहे.
- Aadhaar is valid throughout the country.
- Aadhaar will be helpful in availing Government and Non-Government services in future.

भारतीय विशिष्ट ओळख प्राधिकरण
Unique Identification Authority of India

Address:
Ta-Akole, Mu/Po-Parkhatpur, Akole,
Ahmadnagar,
Maharashtra - 422601

पत्ता:
ता-अकोले, मु/पो-परखतपुर, अकोले,
अहमदनगर,
महाराष्ट्र - 422601

4351 8527 8328

1947 help@uidai.gov.in www.uidai.gov.in

महाराष्ट्र राज्य माध्यमिक व उच्च माध्यमिक शिक्षण मंडळ, पुणे
Maharashtra State Board Of
Secondary and Higher Secondary Education, Pune

पुणे विभागीय मंडळ / PUNE DIVISIONAL BOARD

उच्च माध्यमिक प्रमाणपत्र परीक्षा – गुणपत्रक (पुनर्रचित - 2014 पासून)

HIGHER SECONDARY CERTIFICATE EXAMINATION - STATEMENT OF MARKS (REVISED FROM-2014)

शाखा STREAM	आसन क्रमांक SEAT NO.	केन्द्र क्रमांक CENTRE NO.	जिल्हा व उच्च.माध्य.शाळा क्रमांक DIST.& HR.SEC.SCHOOL NO.	परीक्षेचा महिना व वर्ष MONTH & YEAR OF EXAM.	गुणपत्रिकेचा अनुक्रमांक SR.NO. OF STATEMENT
COMMERCE	P185973	0271	12.01.001	FEBRUARY-14	106187

उमेदवाराचे संपूर्ण नाव (आडनाव प्रथम) / CANDIDATE'S FULL NAME (SURNAME FIRST)

Wakchaure Dipak Shivaji

उमेदवाराच्या आईचे नाव / CANDIDATE'S MOTHER'S NAME **Sushila**

विषयाचा सांकेतिक क्रमांक व विषयाचे नाव Subject Code No. and Subject Name	*माध्यम Medium	कमाल गुण Max. Marks	प्राप्त गुण / Marks Obtained In Figures	In Words
01 ENGLISH	ENG	100	047	FORTYSEVEN
04 HINDI	HIN	100	081	EIGHTYONE
49 ECONOMICS	MAR	100	085	EIGHTYFIVE
50 BOOK KEEPING & ACCOUNTANCY	ENG	100	054	FIFTYFOUR
51 ORGANISATION OF COMM & MGMT	MAR	100	073	SEVENTYTHREE
52 SECRETARIAL PRACTICE	MAR	100	085	EIGHTYFIVE
31 ENVIRONMENT EDUCATION	MAR	050	043	FORTYTHREE
30 HEALTH & PHYSICAL EDUCATION (GRADE)	A			
Result / निकाल: PASS	Percentage / टक्केवारी: 72.00	एकूण गुण / Total Marks	650	468	FOUR HUNDRED AND SIXTYEIGHT

H140836187

3705418235720

महत्वाचे, टीप, आरोग्य व शारीरिक शिक्षण विषयातील श्रेणी आणि चिन्हांची माहिती यांचा तपशील मागील पृष्ठावर पहावा.
See overleaf for Important, Notes, Grades in Health & Physical Education Subject and meaning of special characters.

विभागीय सचिव/Divisional Secretary

NO.: 16 - 10 / 8030

SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)

GANESHKHIND, PUNE 411 007.

STATEMENT OF MARKS FOR B.Com. (2013) EXAM.- APRIL 2017

SEAT NO. 71276 CENTRE 065 PERM REG. NO.: 1201612264
NAME WAKCHAURE DIPAK SHIVAJI MOTHER: SUSHILA
COLLEGE 0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE AKOLE, A'NAG

YEAR		COURSE NAME PASSING/OUT OF	8/20 PP	MARKS OBTAINED 32/80 TEX.	40/100 UEX.	TOTAL
SUBJECT : COST & WORKS ACCOUNTING						
2	2113	BUSINESS COMMUNICATION	17	12	41	70
	2123	CORPORATE ACCOUNTING		08	49	57
	2133	BUSINESS ECONOMICS (MACRO)		20	56	76
	2143	BUSINESS MANAGEMENT		15	49	64
	2153	ELEMENTS OF COMPANY LAW		12	60	72
	2253	COST & WORKS ACCOUNTING - I	15	16	34	65
	2777	A COURSE IN ENVIRONMENTAL AWARENESS		GRADE		A
3	3113	BUSINESS REGULATORY FRAMEWORK		14	48	* 62
	3123	ADVANCED ACCOUNTING		12	48	* 60
	3143	INTERNATIONAL ECONOMICS		17	52	* 69
	3153	AUDITING & TAXATION	17	13	26	* 56
	3451	COST & WORKS ACCOUNTING-II	16	16	53	* 85
	3453	COST & WORKS ACCOUNTING-III	17	14	32	* 63

GRAND TOTAL (OUT OF 1200) 799

RESULT : FIRST CLASS

DIRECTOR, BOARD OF EXAM.& EVALU. Medium of instruction: Marathi
~~CONTROLLER OF EXAMINATIONS~~ STATEMENT NO.: DATE: 10 JUNE 2017

Adarash
Date: / /
Page

अर्ज -

अध्यक्ष श्री वाणिज्य
व दादासाहेब अपर्णे
विज्ञान महाविद्यालय अकोले
दि: 15/4/19

महोदय,

मि वाकचौरे दिपक शिवाजी
आपल्या महाविद्यालयात m com. II
या वर्गात शिकत असून माझे
Exam Form करीता नाव wakchaure
dipak shivaji असे असुन ते wakchaure
dipak shivaji असे साले आहे
तरी सदर नावामध्ये बदल करुन
देण्या बाबत अशि आपनास विनंती
करतो.

mo NO - 9689945294.

आपला विश्वासु
(दिपक वाकचौरे)

Grievance Cell

Faculty – MSC.Chemistry

Years	Total Students For Final Year Examination	Revaluated Students	Total Students Complaints/ GrievanceS About Examination
2021-22	117		
2020-21	240	1)More Komal Machhindra 2)Sawant Sumit Ramesh 3) Wakchaure Ujawala Bhausaheb	100% 100% 100%
2019-20	190	-	-
2018-19	178	-	-
2017-18	215	-	-

College Exam Officer

College Exam. Officer,
Agasti Arts,Commerce & Dadasaheb
Rupwate Science College,Akole,
Tal.Akole, Dist.Ahmednagar

Principal

PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE

I.D.No.PU/AN/ASC/018/1974. HSC/1176/July 1976 Dt. 1.7.76 H.S.C.No.J-12.01.001

साहसे श्री: प्रतिवसति ।

अकोले तालुका एज्युकेशन सोसायटीचे,

अगस्ति कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अकोले

मु.पो.ता. अकोले, जि. अहमदनगर पिन : ४२२ ६०१ (महाराष्ट्र)

ए.आय.एस.एच.ई.कोड : C-41748

। सावित्रीबाई फुले पुणे विद्यापीठ सर्वोत्कृष्ट संलग्न महाविद्यालय–२००७

। नॅक मानांकन : 'अ' दर्जा

डॉ. भास्कर शेळके
प्राचार्य

। M.A. M.Phil., Ph.D., D.Litt.
। Mob.: 9890686521. Ph. 02424 - 221248
। E-mail : shelke_bhaskar@yahoo.com

By Hand

जा. क्र./एसी/ Result /५९ /2022

दिनांक – 20/10 /2022

प्रति ,
मा. संचालक ,
परीक्षा व मूल्यमापन मंडळ,
सावित्रीबाई फुले पुणे विद्यापीठ
गणेशखिंड पुणे

विषय ;- MSc-II 2019 Credit Pattern (April 2021) या वर्गाचे Duplicate गुणपत्रक व Passing Certificate मिळणे बाबत ...

महोदय,

आमच्या महाविद्यालयातील खालील विद्यार्थ्यांचे April 2021 या वर्षाचे MSc-II 2019 Credit Pattern गुणपत्रके 20/9/2022 या दिवशी महाविद्यालयात गहाळ झालेले आहेत, महाविद्यालयाने तशी हरवल्याची हरवल्याची नोंद अकोले पोलिस स्टेशन ला केलेली आहे. त्यांना पुढिल शिक्षणासाठी Duplicate गुणपत्रक व Passing Certificate मिळावे ही विनंती.

Sr.No	Name Of The Student	PRN.Number	Passing Year
1	More Komal Machhindra	OR19330891	April 2021
2	Sawant Sumit Ramesh	OR19330899	April 2021
3	Wakchaure Ujwala Bhausaheb	OR19330893	April 2021

सोबत -

१) महाविद्यालयाचे पत्र
२) पोलीस स्टेशनला केलेली नोंद
3) विद्यापीठ लेजर झेरॉक्स प्रत

01/C

(डॉ. भास्कर शेळके)
प्राचार्य,
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते
विज्ञान महाविद्यालय, अकोले, जि.अहमदनगर

दाखला

अकोले पोलीस स्टेशन

दि. 20/10/2022

दाखला देण्यात येतो की, भास्कर त्र्यंबक शेळके (प्राचार्य अगस्ती महाविद्यालय अकोले जिल्हा अहमदनगर) यांचे महाविद्यालयात शिक्षण घेणारे विद्यार्थी नामे मोरे कोमल मच्छिंद्र,सावंत सुमित रमेश,वाकचौरे उज्वला भाऊसाहेब यांचे एम एस सी द्वितीय वर्ष यांचे मे2021 चे गुणपत्रक दि20/09/2022 रोजी महाविद्यालयात पडुन गहाळ झाले आहे. त्याबाबत आर्जदार यांनी दि 20/10/2022 रोजी अर्ज दिल्याने अर्जदार यांचे विनंती अर्जावरुन त्यांना गहाळ रजी नं. 843 /2022 हा देण्यात आला आहे.

हा दाखला दिला

पोलीस ठाणे अंमलदार

अकोले पोलीस स्टेशन

33221 : 24 52 76 A+ 4 33222 : 23 51 74 A 4 33223 : 20 47 67 A 4 33224C : 14 29 43 A+ 2
33225A : 9 33 42 A+ 2 33226 : 25 63 88 A+ 4 33291 :! 23 23 O 1 33292 :! 22 22 A+ 1
33321 : 20 38 58 B+ 4 33322 : 24 42 66 A 4 33323 : 22 32 54 B 4 33324A : 24 38 62 A 4
33325 : 23 56 79 A+ 4 33392 :! 21 21 A+ 1 33394 :! 43 43 A+ 2 33395 :! 50 50 O 2
33421 : 25 48 * 73 A 4 33422 : 23 35 * 58 B+ 4 33423A : 25 49 * 74 A 4 33424A : 12 29 * 41 A+ 2
33424B : 13 29 * 42 A+ 2 33425 : 28 58 * 86 A+ 4 33492 :! 14 * 14 B+ 1 33494 :! 36 * 36 A 2
SGPA : (1) 7.600(2) 8.600(3) 7.600(4) 8.200 TOTAL CREDITS : 80 GRADE POINTS: 640
TOT.MARKS : 1419/2000 (70.95%) CGPA : 8.000 FINAL GRADE : A

334155 MORE KOMAL MACHHINDRA LATA F OR19330891 4 FR 334155

33121 : 26 34 60 A 4 33122 : 26 39 65 A 4 33123 : 22 30 52 B 4 33124C : 12 18 30 A 2
33125A : 12 31 43 A+ 2 33126 : 26 60 86 A+ 4 33191 :! 21 21 A+ 1 33192 :! 21 21 A+ 1
33221 : 23 51 74 A 4 33222 : 27 56 83 A+ 4 33223 : 25 53 78 A+ 4 33224C : 14 29 43 A+ 2
33225A : 9 33 42 A+ 2 33226 : 24 63 87 A+ 4 33291 :! 22 22 A+ 1 33292 :! 22 22 A+ 1
33321 : 26 57 83 A+ 4 33322 : 22 46 68 A 4 33323 : 20 38 58 B+ 4 33324A : 22 49 71 A 4
33325 : 23 63 86 A+ 4 33392 :! 21 21 A+ 1 33394 :! 43 43 A+ 2 33395 :! 50 50 O 2
33421 : 26 43 * 69 A 4 33422 : 26 46 * 72 A 4 33423A : 26 62 * 88 A+ 4 33424A : 12 31 * 43 A+ 2
33424B : 13 31 * 44 A+ 2 33425 : 27 62 * 89 A+ 4 33492 :! 25 * 25 O 1 33494 :! 36 * 36 A 2
SGPA : (1) 7.900(2) 8.800(3) 8.200(4) 8.600 TOTAL CREDITS : 80 GRADE POINTS: 670
TOT.MARKS : 1514/2000 (75.70%) CGPA : 8.380 FINAL GRADE : A+

07/09/2021 SAVITRIBAI PHULE PUNE UNIVERSITY

RESULT OF M.Sc. - APRIL 2021

[COURSE GRADE POINTS:100-90 'O' 10/89-75 A+ 09/74-60 A 08/59-55 B+ 07/54-50 B 06/49-45 C 05/44-40 D 4/39-0 F 0/ Nil Ab 0]
[FINAL GRADE POINTS:9.50-10.00'O'/8.25-9.49 A+/6.75-8.24 A/5.75-6.74 B+/5.25-5.74 B/4.75-5.24 C/4.00-4.74 D/0.00-3.99 F
P=Previous/*=Appearing/$=0.1/#=0.4/&=0.163/@=0.1&0.163/Passing:40% for all heads/!=Not considered for calculation of final grade

---

0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE,AKOLE,A'NAGAR PAGE : 9

SEAT NO. NAME OF THE CANDIDATE MOTHER SEX P.R.NO. SEM APP RR STAT

334156 NAWALE VAIBHAV RAJENDRA SAVITA M OR19330906 4 FR 334156

33121 : 24 64 88 A+ 4 33122 : 25 38 63 A 4 33123 : 20 30 50 B 4 33124C : 10 19 29 B+ 2
33125A : 10 30 40 A+ 2 33126 : 25 57 82 A+ 4 33191 :! 20 20 A+ 1 33192 :! 20 20 A+ 1
33221 : 17 41 58 B+ 4 33222 : 22 47 69 A 4 33223 : 20 44 64 A 4 33224C : 13 27 40 A+ 2
33225A : 8 32 40 A+ 2 33226 : 21 61 82 A+ 4 33291 :! 22 22 A+ 1 33292 :! 21 21 A+ 1
33321 : 26 32 58 B+ 4 33322 : 22 43 65 A 4 33323 : 21 52 73 A 4 33324A : 22 49 71 A 4
33325 : 24 59 83 A+ 4 33392 :! 20 20 A+ 1 33394 :! 35 35 A 2 33395 :! 38 38 A+ 2
33421 : 21 52 * 73 A 4 33422 : 22 60 * 82 A+ 4 33423A : 24 56 * 80 A+ 4 33424A : 12 28 * 40 A+ 2
33424B : 12 29 * 41 A+ 2 33425 : 26 57 * 83 A+ 4 33492 :! 23 * 23 O 1 33494 :! 36 * 36 A 2
SGPA : (1) 8.000(2) 8.200(3) 8.000(4) 8.800 TOTAL CREDITS : 80 GRADE POINTS: 660
TOT.MARKS : 1454/2000 (72.70%) CGPA : 8.250 FINAL GRADE : A+

334157 POKHARKAR SHWETALI RADHAKISAN MEENABAI F OR19330887 4 FR 334157

33121 : 25 28 53 B 4 33122 : 25 47 72 A 4 33123 : 20 30 50 B 4 33124C : 11 20 31 A 2
33125A : 11 32 43 A+ 2 33126 : 26 61 87 A+ 4 33191 :! 22 22 A+ 1 33192 :! 20 20 A+ 1
33221 : 25 53 78 A+ 4 33222 : 25 53 78 A+ 4 33223 : 23 51 74 A 4 33224C : 13 28 41 A+ 2
33225A : 13 31 44 A+ 2 33226 : 25 64 89 A+ 4 33291 :! 22 22 A+ 1 33292 :! 21 21 A+ 1
33321 : 26 38 64 A 4 33322 : 24 52 76 A+ 4 33323 : 22 42 64 A 4 33324A : 22 35 57 B+ 4
33325 : 24 59 83 A+ 4 33392 :! 20 20 A+ 1 33394 :! 42 42 A+ 2 33395 :! 50 50 O 2
33421 : 26 34 * 60 A 4 33422 : 27 52 * 79 A+ 4 33423A : 26 70 * 96 O 4 33424A : 13 29 * 42 A+ 2
33424B : 13 30 * 43 A+ 2 33425 : 28 63 * 91 O 4 33492 :! 23 * 23 O 1 33494 :! 40 * 40 A+ 2
SGPA : (1) 7.500(2) 8.800(3) 8.200(4) 9.200 TOTAL CREDITS : 80 GRADE POINTS: 674
TOT.MARKS : 1495/2000 (74.75%) CGPA : 8.430 FINAL GRADE : A+

334158 SAWANT SUMIT RAMESH SHARADA M OR19330899 4 FR 334158

33121 : 25 29 54 B 4 33122 : 27 51 78 A+ 4 33123 : 22 30 52 B 4 33124C : 12 16 28 B+ 2
33125A : 12 32 44 A+ 2 33126 : 26 62 88 A+ 4 33191 :! 22 22 A+ 1 33192 :! 20 20 A+ 1
33221 : 22 50 72 A 4 33222 : 25 53 78 A+ 4 33223 : 21 49 70 A 4 33224C : 14 29 43 A+ 2
33225A : 10 33 43 A+ 2 33226 : 24 63 87 A+ 4 33291 :! 23 23 O 1 33292 :! 23 23 O 1
33321 : 24 53 77 A+ 4 33322 : 24 41 65 A 4 33323 : 26 31 57 B+ 4 33324A : 24 43 67 A 4
33325 : 25 61 86 A+ 4 33392 :! 20 20 A+ 1 33394 :! 46 46 O 2 33395 :! 50 50 O 2
33421 : 24 43 * 67 A 4 33422 : 26 48 * 74 A 4 33423A : 26 53 * 79 A+ 4 33424A : 13 30 * 43 A+ 2
33424B : 14 30 * 44 A+ 2 33425 : 28 62 * 90 O 4 33492 :! 25 * 25 O 1 33494 :! 44 * 44 A+ 2
SGPA : (1) 7.600(2) 8.600(3) 8.200(4) 8.800 TOTAL CREDITS : 80 GRADE POINTS: 664
TOT.MARKS : 1486/2000 (74.30%) CGPA : 8.300 FINAL GRADE : A+

334159 SHETE PRANJALI PANDURANG KUNDA F OR19330902 4 FR 334159

33121 : 27 38 65 A 4 33122 : 28 48 76 A+ 4 33123 : 24 45 69 A 4 33124C : 13 24 37 A 2
33125A : 13 34 47 O 2 33126 : 28 64 92 O 4 33191 :! 23 23 O 1 33192 :! 23 23 O 1
33221 : 25 56 81 A+ 4 33222 : 28 60 88 A+ 4 33223 : 27 59 86 A+ 4 33224C : 14 31 45 O 2
33225A : 12 33 45 O 2 33226 : 26 64 90 O 4 33291 :! 23 23 O 1 33292 :! 23 23 O 1
33321 : 22 55 77 A+ 4 33322 : 26 48 74 A 4 33323 : 27 32 59 B+ 4 33324A : 26 48 74 A 4
33325 : 27 65 92 O 4 33392 :! 23 23 O 1 33394 :! 45 45 O 2 33395 :! 50 50 O 2
33421 : 28 60 * 88 A+ 4 33422 : 24 55 * 79 A+ 4 33423A : 26 62 * 88 A+ 4 33424A : 13 34 * 47 O 2
33424B : 14 34 * 48 O 2 33425 : 28 65 * 93 O 4 33492 :! 25 * 25 O 1 33494 :! 48 * 48 O 2
SGPA : (1) 8.800(2) 9.400(3) 8.400(4) 9.400 TOTAL CREDITS : 80 GRADE POINTS: 720
TOT.MARKS : 1640/2000 (82.00%) CGPA : 9.000 FINAL GRADE : A+

07/09/2021 SAVITRIBAI PHULE PUNE UNIVERSITY

RESULT OF M.Sc. - APRIL 2021

[COURSE GRADE POINTS:100-90 'O' 10/89-75 A+ 09/74-60 A 08/59-55 B+ 07/54-50 B 06/49-45 C 05/44-40 D 4/39-0 F 0/ Nil Ab 0]
[FINAL GRADE POINTS:9.50-10.00'O'/8.25-9.49 A+/6.75-8.24 A/5.75-6.74 B+/5.25-5.74 B/4.75-5.24 C/4.00-4.74 D/0.00-3.99 F
P=Previous/*=Appearing/$=0.1/#=0.4/&=0.163/@=0.1&0.163/Passing:40% for all heads/!=Not considered for calculation of final grade

---

0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE,AKOLE,A'NAGAR PAGE : 10

SEAT NO. NAME OF THE CANDIDATE MOTHER SEX P.R.NO. SEM APP RR STAT

334160 SHINDE ARTI SAMPAT LAHANBAI F OR19330898 4 FR 334160

33121 : 27 30 57 B+ 4 33122 : 25 41 66 A 4 33123 : 23 33 56 B+ 4 33124C : 11 19 30 A 2
33125A : 12 32 44 A+ 2 33126 : 28 63 91 O 4 33191 :! 21 21 A+ 1 33192 :! 22 22 A+ 1
33221 : 25 53 78 A+ 4 33222 : 25 53 78 A+ 4 33223 : 24 52 76 A+ 4 33224C : 14 29 43 A+ 2
33225A : 12 32 44 A+ 2 33226 : 25 64 89 A+ 4 33291 :! 21 21 A+ 1 33292 :! 23 23 O 1
33321 : 20 46 66 A 4 33322 : 24 32 56 B+ 4 33323 : 20 43 63 A 4 33324A : 20 42 62 A 4
33325 : 26 64 90 O 4 33392 :! 20 20 A+ 1 33394 :! 45 45 O 2 33395 :! 50 50 O 2
33421 : 27 45 * 72 A 4 33422 : 27 52 * 79 A+ 4 33423A : 26 56 * 82 A+ 4 33424A : 13 32 * 45 O 2
33424B : 13 31 * 44 A+ 2 33425 : 28 62 * 90 O 4 33492 :! .25 * 25 O 1 33494 :! 36 * 36 A 2
SGPA : (1) 8.100(2) 9.000(3) 8.200(4) 9.100 TOTAL CREDITS : 80 GRADE POINTS: 688
TOT.MARKS : 1501/2000 (75.05%) CGPA : 8.600 FINAL GRADE : A+

334161 SURYAWANSHI RUSHIKESH SUDAM VAIJANTA M OR19330890 4 FR 334161

33121 : 26 35 61 A 4 33122 : 23 40 63 A 4 33123 : 22 28 50 B 4 33124C : 13 17 30 A 2
33125A : 11 31 42 A+ 2 33126 : 26 61 87 A+ 4 33191 :! 20 20 A+ 1 33192 :! 20 20 A+ 1
33221 : 18 44 62 A 4 33222 : 24 51 75 A+ 4 33223 : 22 49 71 A 4 33224C : 11 25 36 A 2
33225A : 11 30 41 A+ 2 33226 : 21 62 83 A+ 4 33291 :! 23 23 O 1 33292 :! 22 22 A+ 1
33321 : 28 42 70 A 4 33322 : 22 34 56 B+ 4 33323 : 23* 39 62 A 4 33324A : 22 36 58 B+ 4
33325 : 23 60 83 A+ 4 33392 :! 22 22 A+ 1 33394 :! 40 40 A+ 2 33395 :! 38 38 A+ 2
33421 : 27 41 * 68 A 4 33422 : 25 45 * 70 A 4 33423A : 24 64 * 88 A+ 4 33424A : 12 29 * 41 A+ 2
33424B : 13 29 * 42 A+ 2 33425 : 27 58 * 85 A+ 4 33492 :! 22 * 22 A+ 1 33494 :! 36 * 36 A 2
SGPA : (1) 7.900(2) 8.500(3) 7.800(4) 8.600 TOTAL CREDITS : 80 GRADE POINTS: 656+4$
TOT.MARKS : 1424/2000 (71.20%) CGPA : 8.250 FINAL GRADE : A+ $ 0.2

334162 VAIDYA SANDIP TANHAJI SANGITA M OR19330907 4 FR 334162

33121 : 26 36 62 A 4 33122 : 24 47 71 A 4 33123 : 22 36 58 B+ 4 33124C : 12 17 29 B+ 2
33125A : 11 32 43 A+ 2 33126 : 27 62 89 A+ 4 33191 :! 20 20 A+ 1 33192 :! 22 22 A+ 1
33221 : 21 50 71 A 4 33222 : 26 55 81 A+ 4 33223 : 24 53 77 A+ 4 33224C : 13 29 42 A+ 2
33225A : 11 32 43 A+ 2 33226 : 24 63 87 A+ 4 33291 :! 22 22 A+ 1 33292 :! 22 22 A+ 1
33321 : 28 39 67 A 4 33322 : 24 29 53 B 4 33323 : 21 31 52 B 4 33324A : 22 36 58 B+ 4
33325 : 24 60 84 A+ 4 33392 :! 21 21 A+ 1 33394 :! 41 41 A+ 2 33395 :! 48 48 O 2
33421 : 26 53 * 79 A+ 4 33422 : 26 48 * 74 A 4 33423A : 25 70 * 95 O 4 33424A : 12 29 * 41 A+ 2
33424B : 13 29 * 42 A+ 2 33425 : 27 58 * 85 A+ 4 33492 :! 22 * 22 A+ 1 33494 :! 38 * 38 A+ 2
SGPA : (1) 8.000(2) 8.800(3) 7.200(4) 9.000 TOTAL CREDITS : 80 GRADE POINTS: 660
TOT.MARKS : 1483/2000 (74.15%) CGPA : 8.250 FINAL GRADE : A+

334163 WAKCHAURE UJWALA BHAUSAHEB LATA F OR19330893 4 FR 334163

33121 : 26 37 63 A 4 33122 : 27 49 76 A+ 4 33123 : 23 39 62 A 4 33124C : 12 18 30 A 2
33125A : 12 32 44 A+ 2 33126 : 28 63 91 O 4 33191 :! 21 21 A+ 1 33192 :! 21 21 A+ 1
33221 : 25 55 80 A+ 4 33222 : 27 58 85 A+ 4 33223 : 27 58 85 A+ 4 33224C : 14 30 44 A+ 2
33225A : 12 33 45 O 2 33226 : 26 64 90 O 4 33291 :! 21 21 A+ 1 33292 :! 23 23 O 1
33321 : 26 63 89 A+ 4 33322 : 26 43 69 A 4 33323 : 22 46 68 A 4 33324A : 24 56 80 A+ 4
33325 : 24 63 87 A+ 4 33392 :! 21 21 A+ 1 33394 :! 44 44 A+ 2 33395 :! 50 50 O 2
33421 : 26 50 * 76 A+ 4 33422 : 27 57 * 84 A+ 4 33423A : 26 41 * 67 A 4 33424A : 13 32 * 45 O 2
33424B : 14 31 * 45 O 2 33425 : 28 63 * 91 O 4 33492 :! 25 * 25 O 1 33494 :! 40 * 40 A+ 2
SGPA : (1) 8.700(2) 9.300(3) 8.600(4) 9.200 TOTAL CREDITS : 80 GRADE POINTS: 716
TOT.MARKS : 1596/2000 (79.80%) CGPA : 8.950 FINAL GRADE : A+

07/09/2021 SAVITRIBAI PHULE PUNE UNIVERSITY

RESULT OF M.Sc. - APRIL 2021

[COURSE GRADE POINTS:100-90 'O' 10/89-75 A+ 09/74-60 A 08/59-55 B+ 07/54-50 B 06/49-45 C 05/44-40 D 4/39-0 F 0/ Nil Ab 0]
[FINAL GRADE POINTS:9.50-10.00'O'/8.25-9.49 A+/6.75-8.24 A/5.75-6.74 B+/5.25-5.74 B/4.75-5.24 C/4.00-4.74 D/0.00-3.99 F
P=Previous/*=Appearing/$=0.1/#=0.4/&=0.163/@=0.1&0.163/Passing:40% for all heads/!=Not considered for calculation of final grade

---

0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE,AKOLE,A'NAGAR PAGE : 11

SEAT NO. NAME OF THE CANDIDATE MOTHER SEX P.R.NO. SEM APP RR STAT

601635 ADHAL DIPAK RAMBHAU SUNITA M GO20600341 2 FR 601635

60102 : 26 36 62 A 4 60103 : 22 39 61 A 4 60104 : 23 42 65 A 4 60105 : 25 63 88 A+ 4
60111 : 22 29 51 B 4 60191 :! 19 19 A+ 1 60192 :! 20 20 A+ 1 60211 : 27 56 * 83 A+ 4
60214 : 27 50 * 77 A+ 4 60218 : 28 50 * 78 A+ 4 60222 : 13 29 * 42 A+ 2 60223 : 14 33 * 47 O 2
60224 : 28 65 * 93 O 4 60291 :! 23 * 23 O 1 60292 :! 23 * 23 O 1
SGPA : (1) 7.800(2) 9.300 TOTAL CREDITS : 40 GRADE POINTS: 342

601636 AROTE PRASAD PANDHARINATH LEELA M GO20600334 2 FR 601636

60102 : 27 43 70 A 4 60103 : 20 50 70 A 4 60104 : 22 45 67 A 4 60105 : 27 63 90 O 4
60111 : 23 56 79 A+ 4 60191 :! 20 20 A+ 1 60192 :! 21 21 A+ 1 60211 : 26 52 * 78 A+ 4
60214 : 27 64 * 91 O 4 60218 : 28 31 * 59 B+ 4 60222 : 12 31 * 43 A+ 2 60223 : 14 34 * 48 O 2
60224 : 28 65 * 93 O 4 60291 :! 23 * 23 O 1 60292 :! 22 * 22 A+ 1
SGPA : (1) 8.600(2) 9.100 TOTAL CREDITS : 40 GRADE POINTS: 354

601637 AWARI PRAGATI BALASAHEB SAVITA F GO20600333 2 FR 601637

60102 : 28 48 76 A+ 4 60103 : 26 48 74 A 4 60104 : 26 45 71 A 4 60105 : 28 67 95 O 4
60111 : 28 28$ 56 B+ 4 60191 :! 22 22 A+ 1 60192 :! 23 23 O 1 60211 : 29 52 * 81 A+ 4
60214 : 28 49 * 77 A+ 4 60218 : 29 50 * 79 A+ 4 60222 : 15 27 * 42 A+ 2 60223 : 15 34 * 49 O 2
60224 : 29 67 * 96 O 4 60291 :! 24 * 24 O 1 60292 :! 24 * 24 O 1
SGPA : (1) 8.400(2) 9.300 TOTAL CREDITS : 40 GRADE POINTS: 354
$ 0.1

601638 BHADANGE DAMINI KASHINATH VIMAL F GO20600330 2 FR 601638

60102 : 26 59 85 A+ 4 60103 : 23 55 78 A+ 4 60104 : 25 57 82 A+ 4 60105 : 27 64 91 O 4
60111 : 27 34 61 A 4 60191 :! 21 21 A+ 1 60192 :! 22 22 A+ 1 60211 : 27 56 * 83 A+ 4
60215 : 26 57 * 83 A+ 4 60219 : 26 52 * 78 A+ 4 60222 : 14 34 * 48 O 2 60223 : 13 33 * 46 O 2
60224 : 29 69 * 98 O 4 60291 :! 24 * 24 O 1 60292 :! 23 * 23 O 1
SGPA : (1) 9.000(2) 9.400 TOTAL CREDITS : 40 GRADE POINTS: 368

601639 BODAKE MAHESH NAMDEO NANDA M GO20600342 2 FR 601639

Grievance Cell

Faculty – MSC. Geography

Years	Total Students For Final Year Examination	Revaluated Students	Total Students Complaints/ GrievanceS About Examination
2021-22	117		-
2020-21	240	1)Zodage Ganesh Gama 2) Dhindale Reshma Bhausaheb	100% 100%
2019-20	190	-	-
2018-19	178	-	-
2017-18	215	-	-

College Exam Officer

College Exam. Officer,
Agasti Arts,Commerce & Dadasaheb
Rupwate Science College,Akole,
Tal.Akole, Dist.Ahmednagar

Principal

PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE

By Mail
13/09/2021

Back Compose Reply Reply a Forwar Delete Print Junk Mark More Move to...

Inbox 430
Drafts
Sent 9
Trash

Internal Examiner Marks Entry बाबत ....

Message 1 of 628

From Agasti Arts Com.&Dada. Rupwate Sci.CollegeAkole
To INTMARKS, Examsupport, S & T Arts, S & T Science
Date Mon, 13 Sep 2021 16:41:23 +0530

Respected Sir/Madam.

Please,Attech a File.

(Principal)
Akole Taluka Education Society Agasti Arts$$ Commerce and Dadasaheb Rupwate Science College Addr: Akole College Akole Ta: Akole Dist: Ahmednagar

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IMG_0003.jpg
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अकोले तालुका एज्युकेशन सोसायटी,
अगस्ति कला, वाणिज्य व दादासाहेब रुपवते विज्ञान महाविद्यालय, अकोले
मु.पो. अकोले, ता. अकोले, जि. अहमदनगर पिन - ४२२ ६०१ (महाराष्ट्र)

डॉ. भास्कर शेळके
प्राचार्य

M.A. M.Phil., Ph.D., D.Litt.
Mob.: 9890686521, Ph. 02424 - 221248
E-mail : shelke_bhaskar@yahoo.com

दिनांक - १३ /९/२०२१

प्रति,
मा.संचालक,
परीक्षा व मूल्यमापन मंडळ,
सावित्रीबाई फुले पुणे विद्यापीठ,
गणेशखिंड पुणे. ७

विषय – Internal Examiner Marks Entry बाबत ...

महोदय,

आमच्या महाविद्यालयातील विद्यार्थी झोडगे गणेश गामा MA/MSC – Geography. part -2 (PRN – Go 19600314)याने अंतिम वर्षाचा विद्यापीठ परीक्षा फॉर्म भरताना चुकून GGUT -254 Political Geography (Sub Code – 60426) हा विषय परीक्षा फॉर्म मध्ये भरला गेला नव्हता.

विद्यापीठ परिपत्रक MIC/134 दिनांक 22/7/2021 नुसार विद्यापीठाने सदर विषय देण्याची संधी दिली,असता त्याने online परीक्षा दिलेली आहे. परंतु अंतर्गत मूल्यमापन गुण देण्यासाठी (Marks Entry) साठी संधी उपलब्ध करून द्यावी हि विनंती.

Subject Name - GGUT -254 Political Geography (Sub Code – 60426)
Subject Code – 60426
Subject Type – INTENAL..
Batch No – 202104185671.

कळावे,

(डॉ.भास्कर शेळके)
प्राचार्य
अगस्ति कला,वाणिज्य व दादासाहेब रुपवते
विज्ञान महाविद्यालय,अकोले,जि.अहमदनगर

Re: MA/MSC -Geography Part -2 (.GGUT-254 Political Geography (Sub.... Message 6 of 1447

From **INTMARKS**
To **Agasti Arts Com.&Dada. Rupwate Sci.CollegeAkole**
Date **Thu, 09 Sep 2021 13:10:39 +0530**

Respected Sir/Madam,

Please do additional seat no entry against correct subject .
after that contact to S&T section with college letter

Thanks & Regards,
INT MarksTeam-Examination.
Savitribai Phule Pune University.

-------- Original Message --------

Subject:MA/MSC -Geography Part -2 (.GGUT-254 Political Geography (Sub.Code 60426) अंतर्गत मूल्यमापन गुण देणे बाबत ...
Date:09-09-2021 11:26 am
From:"Agasti Arts Com.&Dada. Rupwate Sci.CollegeAkole" <caaa016190@pun.unipune.ac.in>
To:INTMARKS <intmarks@pun.unipune.ac.in>, Examsupport <examsupport@pun.unipune.ac.in>, S & T Science <st-science@pun.unipune.ac.in>, S & T Arts <st-arts@pun.unipune.ac.in>

Respected Sir,

आमच्या महाविद्यालयातील विद्यार्थी कु. झोडगे गणेश गामा MA/MSC -Geography Part -2 (PRN - GO19600314) याने अंतिम वर्षाचा विद्यापीठ परीक्षा फॉर्म भरत असताना चुकून GGUT-254 Political Geography (Sub.Code 60426) हा विषय परीक्षा फॉर्म मध्ये भरला गेला नव्हता. त्यामुळे विद्यापीठाकडे विनंती केली असता तो विषय देण्याची संधी सदर विद्यार्थ्याला विद्यापीठाने दिलेली होती. त्या नुसार त्या विद्यार्थ्याने online

परीक्षा दिलेली आहे, तरी संबंधित विद्यार्थ्याचे GGUT-254 Political Geography (Sub.Code 60426) या विषयाचे अंतर्गत मूल्यमापन गुण देण्यासाठी संधी देण्यात यावी हि विनंती .

Internal Examiner Marks Entry

College Datails :

College Name : A.T.E.SOCIETY'S ARTS,SCIENCE & COMMERCE COLLEGE
PUNCODE : CAAA016190
Institute No. : 0117

Last Date Of Marks Entry for this Pattern is 13 Aug 2021

Subject Datails :

Subject Name : GGUT-254 POLITICAL GEOGRAPHY
Subject Code : 60426
Subject Type : INTERNAL
Batch No. : 202104185671

◉Non-Evaluated ◉Show All

○Evaluated ○Show With Extended Date Only

Show Student

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(0117)			COMMERCE ('19 Credit Pattern	AWARENESS (249 : INTERNAL)		112/112		112/112
CAAA016190 (0117)	0117	2108344319	M.Sc. GEOGRAPHY (REV.2019)	GGUT-112 PRINCIPLES OF CLIMATOLOGY (60102 : INTERNAL)	202104145445	2/2		2/2
CAAA016190 (0117)	0117	2108344320	M.Sc. GEOGRAPHY (REV.2019)	GGUP-115 PRACTICAL IN PHYSICAL AND HUMAN GEOGRAPHY (60105 : INTERNAL)	202104145461	2/2		2/2
CAAA016190 (0117)	0117	2108344321	M.Sc. GEOGRAPHY (REV.2019)	GGUP-115 PRACTICAL IN PHYSICAL AND HUMAN GEOGRAPHY (60105 : PRACTICAL)	202104145464	20/20		20/20
CAAA016190 (0117)	0117	2108347976	M.Sc. GEOGRAPHY (REV.2019)	GGUT-254 POLITICAL GEOGRAPHY (60426 : INTERNAL)	202104169538	13/13		13/13
CAAA016190 (0117)	0117	2109366672	M.Sc. GEOGRAPHY (REV.2019)	GGUT-254 POLITICAL GEOGRAPHY (60426 : INTERNAL)	202104185671	0/1		0/1

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Savitribai Phule Pune University

(Formerly University of Pune)

HallTicket For M.Sc. GEOGRAPHY (REV.2019) Mar./Apr.2021

SeatNo	PRN	CentreCode	CollegeCode	PUN Code
601668	GO19600314	0117	0117	CAAA016190

Name : ZODGE GANESH GAMA

Mother : ANJALI

Centre : DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE

Sub Code	Subject Name	Type	Exam Date	Exam Time
60327	GGDP-241 PRACTICAL IN GEOINFORMATICS	P		
60333	GGUP-247 PRACTICAL IN ECONOMIC GEOGRAPHY	P		
60421	GGUT-249 GEOGRAPHY OF INDIA	IE		
60422	GGUT-250 OCEANOGRAPHY	IE		
60423	GGUT-251 RESEARCH METHODOLOGY	IE		
60426	GGUT-254 POLITICAL GEOGRAPHY			
60429	GGDP-257 INTERPRITATION OF TOPOGRAPHICAL MAPS AND GPS SURVEY	IP		
60430	GGUT-258 GEOGRAPHY OF WORLD	IP		
60431	GGUP-259 DISSERTATION/RESEARCH PROJECT	IP		
60492	INTRODUCTION TO CYBER SECURITY - IV	I		
60494	SKILL DEVELOPMENT - II	I		

NOTE:

Students should ensure that details like Name,Photo, PRN, Subjects printed on Hall Ticket are correct. Incase of any discrepancy, please immediately contact to College Exam Officer (CEO).

In Case,College does not have Exam Center,please follow University Circular.

In Case of any discrepancy between hallticket & time table published on university website (http://exam.unipune.ac.in), the timetable on website to be followed.

Signature of Student

College Principal / Director

DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE

उपप्राचार्य
आर्ट्स कला वाणिज्य व दादासाहेब रूपवते
विज्ञान महाविद्यालय अकोले, जि.अहमदनगर

BY mail - 9/9/2021

MA/MSC -Geography Part -2 (.GGUT-254 Political Geography (Sub.Cod... Message 1 of 626

From **Agasti Arts Com.&Dada. Rupwate Sci.CollegeAkole**
To **INTMARKS, Examsupport, S & T Science, S & T Arts**
Date **Thu, 09 Sep 2021 11:26:42 +0530**

Respected Sir,

आमच्या महाविद्यालयातील विद्यार्थी कु. झोडगे गणेश गामा MA/MSC -Geography Part -2 (PRN - GO19600314) याने अंतिम वर्षाचा विद्यापीठ परीक्षा फॉर्म भरत असताना चुकून GGUT-254 Political Geography (Sub.Code 60426) हा विषय परीक्षा फॉर्म मध्ये भरला गेला नव्हता. त्यामुळे विद्यापीठाकडे विनंती केली असता तो विषय देण्याची संधी सदर विद्यार्थ्याला विद्यापीठाने दिलेली होती. त्या नुसार त्या विद्यार्थ्याने online परीक्षा दिलेली आहे, तरी संबंधित विद्यार्थ्याचे GGUT-254 Political Geography (Sub.Code 60426) या विषयाचे अंतर्गत मूल्यमापन गुण देण्यासाठी संधी देण्यात यावी हि विनंती .

कळावे

प्राचार्य

--
Akole Taluka Education Society Agasti Arts$$ Commerce and Dadasaheb Rupwate Science College Addr: Akole College Akole Ta: Akole Dist: Ahmednagar

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zodzge 2.jpg

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विज्ञान महाविद्यालय अकोले जि.अहमदनगर

M.SC.GEOGRAPHY Credi... Message 273 of 427

From **Agasti Arts Com.&Dada. Rupwate Sci.C... Al**
To **S & T Arts, S & T Science**
Date **23-09-2021 2:38 pm**

Dear Sir,

Please Attech a File.

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IMG_0002.jpg(~124 KB)
IMG_0003.jpg(~141 KB)

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(Principal)

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Akole Taluka Education Socie

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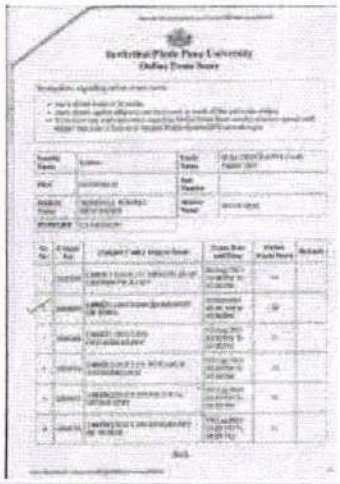

अर्ज By mail

Page No.
Date

दि - 23/09/2021.

मा. प्राचार्य
अगस्ती Arts, Com
आणि Sci दादासाहेब
रुपवते कॉलेज अकोले
जि. अहमदनगर

अर्जदार :- थिंदले रेशमा भाऊसाहेब

विषय :- Geography of India या subject चे मार्क न आल्यामुळे अर्ज.

महोदय,

मी थिंदले रेशमा अर्ज करते की काही तांत्रीक अडचणीमुळे Geography of India या विषयचा पेपर 1 Aug 2021 या तारखेला होता. तरीही मला काही तांत्रीक अडचणीमुळे तो पेपर देता आला नाही. त्या नंतर मी लगेच अर्ज करून तो पेपर मी 3 Sep 2021 या तारखेला देउन तो विषय पास झालेलो आहे. पण माझा Result बरेच दिवस Pending असलेला असून तरी मला माझा Result पास देवा हि नम्र विनंती.

Thindale

आपली विश्वासू

रेशमा थिंदले

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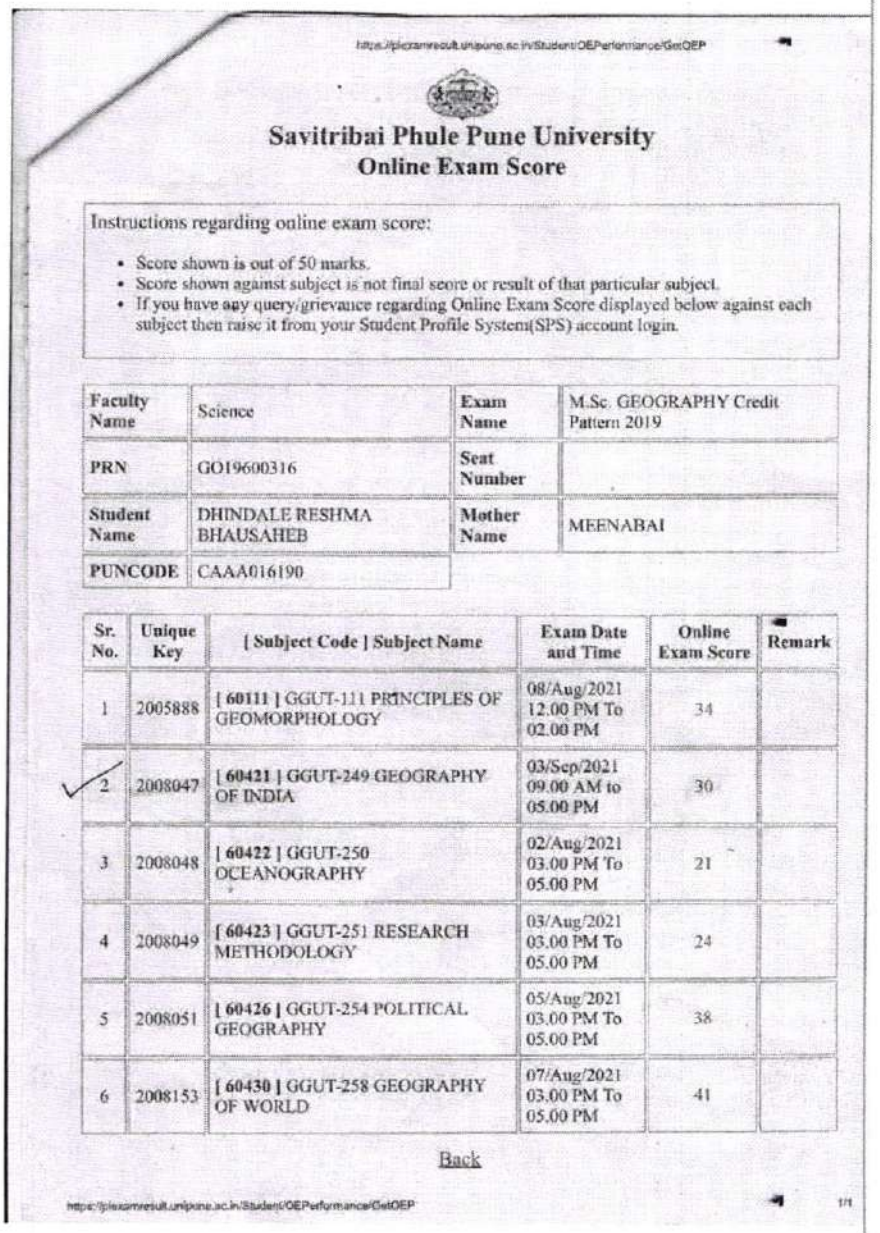

https://picexamresult.unipune.ac.in/Student/OEPerformance/GetOEP

Savitribai Phule Pune University
Online Exam Score

Instructions regarding online exam score:

- Score shown is out of 50 marks.
- Score shown against subject is not final score or result of that particular subject.
- If you have any query/grievance regarding Online Exam Score displayed below against each subject then raise it from your Student Profile System(SPS) account login.

Faculty Name	Science	Exam Name	M.Sc. GEOGRAPHY Credit Pattern 2019
PRN	GOI9600316	Seat Number	
Student Name	DHINDALE RESHMA BHAUSAHEB	Mother Name	MEENABAI
PUNCODE	CAAA016190		

Sr. No.	Unique Key	[Subject Code] Subject Name	Exam Date and Time	Online Exam Score	Remark
1	2005888	[60111] GGUT-111 PRINCIPLES OF GEOMORPHOLOGY	08/Aug/2021 12.00 PM To 02.00 PM	34	
2	2008047	[60421] GGUT-249 GEOGRAPHY OF INDIA	03/Sep/2021 09.00 AM to 05.00 PM	30	
3	2008048	[60422] GGUT-250 OCEANOGRAPHY	02/Aug/2021 03.00 PM To 05.00 PM	21	
4	2008049	[60423] GGUT-251 RESEARCH METHODOLOGY	03/Aug/2021 03.00 PM To 05.00 PM	24	
5	2008051	[60426] GGUT-254 POLITICAL GEOGRAPHY	05/Aug/2021 03.00 PM To 05.00 PM	38	
6	2008153	[60430] GGUT-258 GEOGRAPHY OF WORLD	07/Aug/2021 03.00 PM To 05.00 PM	41	

Back

https://picexamresult.unipune.ac.in/Student/OEPerformance/GetOEP 1/1

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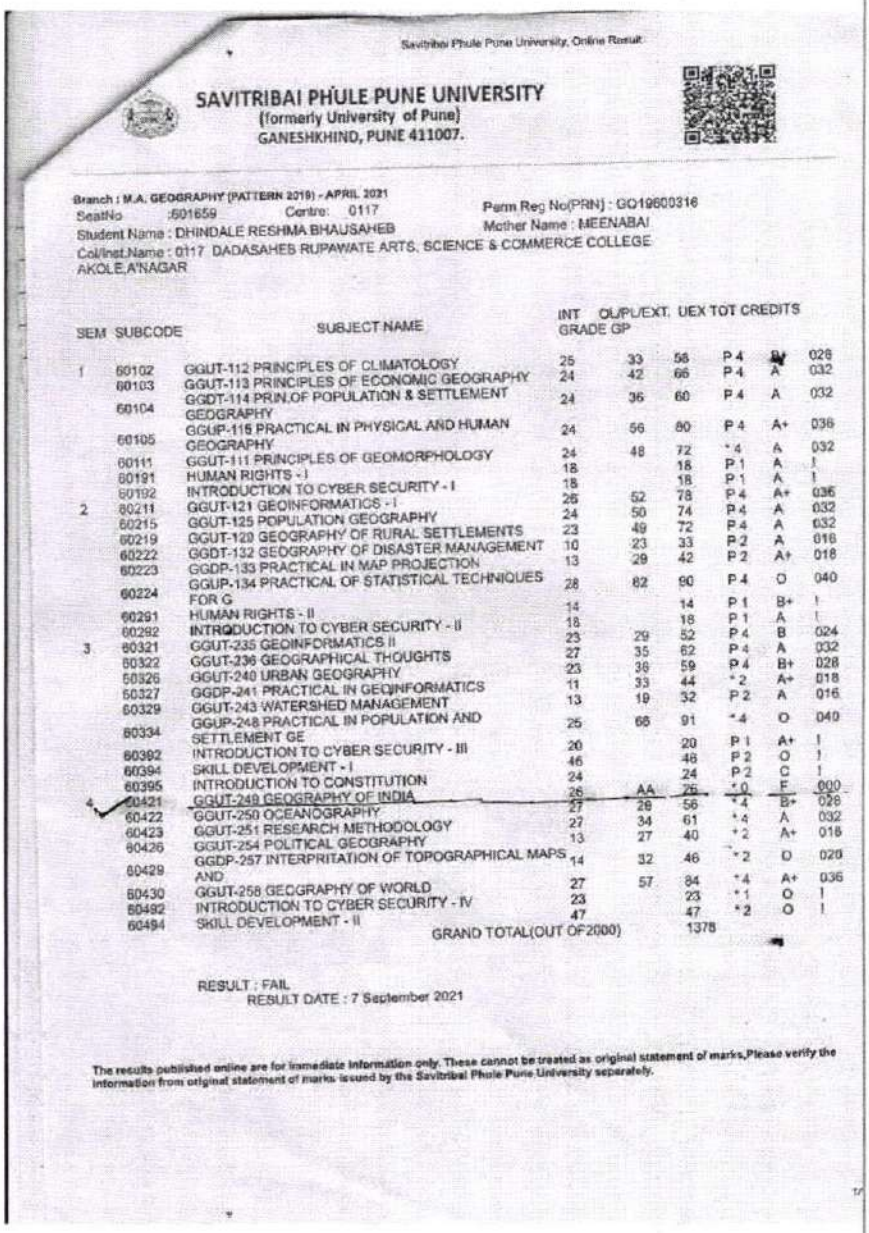

Savitribai Phule Pune University, Online Result

SAVITRIBAI PHULE PUNE UNIVERSITY
(formerly University of Pune)
GANESHKHIND, PUNE 411007.

Branch : M.A. GEOGRAPHY (PATTERN 2019) - APRIL 2021
SeatNo :501659 Centre: 0117 Perm Reg No(PRN) : GO19600316
Student Name : DHINDALE RESHMA BHAUSAHEB Mother Name : MEENABAI
Col/Inst.Name : 0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE AKOLE,A'NAGAR

SEM	SUBCODE	SUBJECT NAME	INT	OUT/EXT. GRADE	UEX	TOT GP	CREDITS
1	60102	GGUT-112 PRINCIPLES OF CLIMATOLOGY	25	33	58	P 4	B+ 026
	60103	GGUT-113 PRINCIPLES OF ECONOMIC GEOGRAPHY	24	42	66	P 4	A 032
	60104	GGDT-114 PRIN.OF POPULATION & SETTLEMENT GEOGRAPHY	24	36	60	P 4	A 032
	60105	GGUP-115 PRACTICAL IN PHYSICAL AND HUMAN GEOGRAPHY	24	56	80	P 4	A+ 036
	60111	GGUT-111 PRINCIPLES OF GEOMORPHOLOGY	24	48	72	* 4	A 032
	60191	HUMAN RIGHTS - I	18		18	P 1	A !
	60192	INTRODUCTION TO CYBER SECURITY - I	18		18	P 1	A !
2	60211	GGUT-121 GEOINFORMATICS - I	26	52	78	P 4	A+ 036
	60215	GGUT-125 POPULATION GEOGRAPHY	24	50	74	P 4	A 032
	60219	GGUT-129 GEOGRAPHY OF RURAL SETTLEMENTS	23	49	72	P 4	A 032
	60222	GGDT-132 GEOGRAPHY OF DISASTER MANAGEMENT	10	23	33	P 2	A 016
	60223	GGDP-133 PRACTICAL IN MAP PROJECTION	13	29	42	P 2	A+ 018
	60224	GGUP-134 PRACTICAL OF STATISTICAL TECHNIQUES FOR G	28	62	90	P 4	O 040
	60291	HUMAN RIGHTS - II	14		14	P 1	B+ !
	60292	INTRODUCTION TO CYBER SECURITY - II	18		18	P 1	A !
3	60321	GGUT-235 GEOINFORMATICS II	23	29	52	P 4	B 024
	60322	GGUT-236 GEOGRAPHICAL THOUGHTS	27	35	62	P 4	A 032
	60326	GGUT-240 URBAN GEOGRAPHY	23	36	59	P 4	B+ 028
	60327	GGDP-241 PRACTICAL IN GEOINFORMATICS	11	33	44	* 2	A+ 018
	60329	GGUT-243 WATERSHED MANAGEMENT	13	19	32	P 2	A 016
	60334	GGUP-248 PRACTICAL IN POPULATION AND SETTLEMENT GE	25	66	91	* 4	O 040
	60392	INTRODUCTION TO CYBER SECURITY - III	20		20	P 1	A+ !
	60394	SKILL DEVELOPMENT - I	46		46	P 2	O !
	60395	INTRODUCTION TO CONSTITUTION	24		24	P 2	C !
4	60421	GGUT-249 GEOGRAPHY OF INDIA	26	AA	26	* 0	F 000
	60422	GGUT-250 OCEANOGRAPHY	27	29	56	* 4	B+ 028
	60423	GGUT-251 RESEARCH METHODOLOGY	27	34	61	* 4	A 032
	60426	GGUT-254 POLITICAL GEOGRAPHY	13	27	40	* 2	A+ 018
	60429	GGDP-257 INTERPRITATION OF TOPOGRAPHICAL MAPS AND	14	32	46	* 2	O 020
	60430	GGUT-258 GEOGRAPHY OF WORLD	27	57	84	* 4	A+ 036
	60492	INTRODUCTION TO CYBER SECURITY - IV	23		23	* 1	O !
	60494	SKILL DEVELOPMENT - II	47		47	* 2	O !

GRAND TOTAL(OUT OF2000) 1378

RESULT : FAIL
RESULT DATE : 7 September 2021

The results published online are for immediate information only. These cannot be treated as original statement of marks,Please verify the information from original statement of marks issued by the Savitribai Phule Pune University separately.

NO.: 21 - 1051600

SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)

GANESHKHIND PUNE 411 007

STATEMENT OF MARKS / GRADES FOR M.A. GEOGRAPHY (PATTERN 2019)

SEAT NO. 601811 CENTRE 65 PERM REG. NO. : GO20600443

NAME MUNDHE AJIT GORAKSHANATH MOTHER : ARUNA

COLLEGE / SCHOOL 0117 DADASAHEB RUPAWATE ARTS, SCIENCE & COMMERCE COLLEGE AKOLE,A'NAGAR

YEAR : OCTOBER 2021

SEM.	NAME OF THE COURSE	<- MARKS -> INT	UEX	TOT	CRE- DITS	GR- ADE	GRD PNT
1	GGUT-112 PRINCIPLES OF CLIMATOLOGY	25	56	81	P 04	A+	036
	GGUT-113 PRINCIPLES OF ECONOMIC GEOGRAPHY	26	43	69	P 04	A	032
	GGUT-114 PRIN.OF POPULATION & SETTLEMENT GEOGRAPHY	25	50	75	P 04	A+	036
	GGUP-115 PRACTICAL IN PHYSICAL AND HUMAN GEOGRAPHY	26	61	87	P 04	A+	036
	GGUT-111 PRINCIPLES OF GEOMORPHOLOGY	25	45	70	P 04	A	032
	HUMAN RIGHTS - I	21	-	21	P 01	A+	!
	INTRODUCTION TO CYBER SECURITY - I	22	-	22	P 01	A+	!
2	GGUT-121 GEOINFORMATICS - I	25	45	70	P 04	A	032
	GGUT-125 POPULATION GEOGRAPHY	25	49	74	P 04	A	032
	GGUT-129 GEOGRAPHY OF RURAL SETTLEMENTS	25	31	56	P 04	B+	028
	GGUT-132 GEOGRAPHY OF DISASTER MANAGEMENT	13	14$	27	P 02	B	$012
	GGUP-133 PRACTICAL IN MAP PROJECTION	13	32	45	P 02	O	020
	GGUP-134 PRACTICAL OF STATISTICAL TECHNIQUES FOR GEOGRAPHY	26	62	88	P 04	A+	036
	HUMAN RIGHTS - II	22	-	22	P 01	A+	!
	INTRODUCTION TO CYBER SECURITY - II	21	-	21	P 01	A+	!
3	GGUT-235 GEOINFORMATICS II	15	56	71	* 04	A	032
	GGUT-236 GEOGRAPHICAL THOUGHTS	16	38	54	* 04	B	024
	GGUT-240 URBAN GEOGRAPHY	AA	AA	0	* 00	Ab	000
	GGUP-241 PRACTICAL IN GEOINFORMATICS	07	16	23	* 02	C	010
	GGUT-243 WATERSHED MANAGEMENT	10	25	35	* 02	A	016
	GGUP-248 PRACTICAL IN POPULATION AND SETTLEMENT GEOGRAPHY	21	44	65	* 04	A	032
	INTRODUCTION TO CYBER SECURITY - III	18	-	18	* 01	A	!
	SKILL DEVELOPMENT - I	39	-	39	* 02	A+	!
	INTRODUCTION TO CONSTITUTION	28	-	28	* 02	B+	!

$ O.1

Director

Board of Examinations & Evaluation

Medium of instruction: English

! - Not considered for calculation of final grade

Date of Issue: 30 JUL 2022 DATE :13 APR 2022

ST.NO.: 00001

साहस श्री: प्रतिवसति ।
Akole Taluka Education Society's
AGASTI ARTS, COMMERCE &
DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE
A/p. Tal. Akole, Dist. Ahmednagar, Pin - 422 601 (Maharashtra)
AIS,HE.Code : C-41748

Savitribai Phule Pune University Best College Award - 2007
NAAC Aaccredited 'A' Grade

Dr. Bhaskar Shelke
Principal

M.A. M.Phil., Ph.D., D.Litt.
Mob.: 9890686521. Ph. 02424 - 221248
E-mail : shelke_bhaskar@yahoo.com

जा.क्र/परी/106/2023

सावित्रीबाई फुले पुणे विद्यापीठ, पुणे-७.
(पूर्वी - पुणे विद्यापीठ)
2 MAR 2023
छाननी व मूल्यांकन कक्ष
आवक क्र. 2464

Date 28/02/2023

01 MAR 2023
3191
01/03/2023

To,
The Director,
Board Of Examination and Evaluation
Savitribai Phule Pune University,
Pune.

Subject – **Certified the College Result for NAAC Purpose**

Dear Sir/Madam,

The Akole Taluka Education Society's Agasti Arts,Commerce & Dadasaheb Rupwate Science College Akole affiliated to savitribai phule pune University pune Exam centre Code 117 and PUNCODE-CAAA016190 our college is going to NAAC accredition **NAAC demanded certified** result from examination controller of affiliating University

So. College attached result summery sheet please certify that Sheet.

BA &MA

Year	Programme name	Programme specialization	Appear students	Pass students	Result
2017-18	BA	BA	215	71	33.03%
2018-19	BA	BA	178	61	34.26%
2019-20	BA	BA	190	88	46.31%
2020-21	BA	BA	240	170	70.83%
2021-22	BA	BA	117	95	81.19%
2017-18	MA	Marathi	15	15	100%
2018-19	MA	Marathi	07	07	100%
2019-20	MA	Marathi	07	07	100%
2020-21	MA	Marathi	09	09	100%
2021-22	MA	Marathi	08	06	75%
2017-18	MA	English	09	07	77.77%
2018-19	MA	English	10	10	100%
2019-20	MA	English	02	02	100%
2020-21	MA	English	09	08	88.88%
2021-22	MA	English	09	09	100%
2017-18	MA	Hindi	10	08	80%
2018-19	MA	Hindi	08	05	62.5%
2019-20	MA	Hindi	09	09	100%
2020-21	MA	Hindi	10	10	100%
2021-22	MA	Hindi	18	16	88.88%
2017-18	MA	Politics	28	26	92.85%
2018-19	MA	Politics	22	22	100%
2019-20	MA	Politics	28	27	96.42%

Mo. (Off). 02424 - 221248, 222703, 221655 | Fax. 02424 - 221248 | E-mail : acsakole2005@gmail.com | Visit us at : www.agasticollege.com

Director
Board of Examinations & Evaluation

2020-21	MA	Politics	26	25	96.15%
2021-22	MA	Politics	46	42	91.30%

College Exam.Officer
College Exam. Officer,
Agasti Arts,Commerce & Dadasaheb
Rupwate Science College,Akole,
Tal.Akole, Dist.Ahmednagar

Savitribai Phule Pune University (Formerly University of Pune) Exam Pune-411007.

Principal
PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE

Director
Board of Examination & Evalution

Director
BOARD OF EXAMINATIONS & EVALUATION

साहसे श्री: प्रतिवसति ।
I.D.No.PU/AN/ASC/018/1974 | HSC/1176/July 1976 Dt. 1.7.76 | H.S.C.No.J-12.01.001
Akole Taluka Education Society's
AGASTI ARTS, COMMERCE &
DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE
A/p. Tal. Akole, Dist. Ahmednagar, Pin - 422 601 (Maharashtra)
AIS,HE.Code : C-41748

Savitribai Phule Pune University Best College Award - 2007
NAAC Aaccredited 'A' Grade

Dr. Bhaskar Shelke
Principal
M.A. M.Phil., Ph.D., D.Litt.
Mob.: 9890686521. Ph. 02424 - 221248
E-mail : shelke_bhaskar@yahoo.com

जा.क्र/तक्षा/निकाल/107/2023

To,
The Director,
Board Of Examination and Evaluation
Savitribai Phule Pune University,
Pune.

Date 05/03/2023

Subject – **Certified the College Result for NAAC Purpose**

Dear Sir/Madam,

The Akole Taluka Education Society's Agasti Arts,Commerce & Dadasaheb Rupwate Science College Akole affiliated to savitribai phule pune University pune Exam centre Code 117 and PUNCODE-CAAA016190 our college is going to NAAC accredition NAAC demanded certified result from examination controller of affiliating University

So. College attached result summery sheet please certify that Sheet.

BCOM/MCOM

Year	Programme name	Programme specialization	Appear students	Pass students	Result
2017-18	BCOM	BCOM	111	78	70.27%
2018-19	BCOM	BCOM	99	73	73.73%
2019-20	BCOM	BCOM	107	95	88.78%
2020-21	BCOM	BCOM	116	93	80.17%
2021-22	BCOM	BCOM	101	91	90.09%
2017-18	MCOM	MCOM	44	36	89.13%
2018-19	MCOM	MCOM	51	48	94.11%
2019-20	MCOM	MCOM	52	50	96.15%
2020-21	MCOM	MCOM	46	44	95.62%
2021-22	MCOM	MCOM	56	39	69.64%

College Exam.Officer
College Exam. Officer,
Agasti Arts,Commerce & Dadasaheb
Rupwate Science College,Akole,
Tal.Akole, Dist.Ahmednagar

Principal
PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE

B.Com & M.Com चे निकाल पडताळले असता वरील गुणपत्रे बरोबर आहे.

AR 10/3/23

DR

Director
Board of Examination & Evalution
Director
BOARD OF EXAMINATIONS & EVALUATION

A.S.O

साहसे श्री: प्रतिवसति ।
Akole Taluka Education Society's
AGASTI ARTS, COMMERCE &
DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE
A/p. Tal. Akole, Dist. Ahmednagar, Pin - 422 601 (Maharashtra)
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Mob.: 9890686521. Ph. 02424 - 221248
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जा.क्र/सस/निकाल/107/2023

To,
The Director,
Board Of Examination and Evaluation
Savitribai Phule Pune University,
Pune.

Date 05/03/2023

Subject – **Certified the College Result for NAAC Purpose**

Dear Sir/Madam,

The Akole Taluka Education Society's Agasti Arts,Commerce & Dadasaheb Rupwate Science College Akole affiliated to savitribai phule pune University pune Exam centre Code 117 and PUNCODE-CAAA016190 our college is going to NAAC accredition NAAC demanded certified result from examination controller of affiliating University

So. College attached result summery sheet please certify that Sheet.

BBA/BCA

Year	Programme name	Appear students	Pass students	Result
2017-18	BBA	21	17	80.95%
2018-19	BBA	26	16	61.53%
2019-20	BBA	35	24	70%
2020-21	BBA	45	43	95.55%
2021-22	BBA	49	47	95.91%
2017-18	BCA	49	24	49%
2018-19	BCA	52	17	32.69%
2019-20	BCA	58	49	84%
2020-21	BCA	59	58	98.30%
2021-22	BCA	63	59	93.65%

College Exam.Officer
College Exam. Officer,
Agasti Arts,Commerce & Dadasaheb
Rupwate Science College,Akole,
Tal.Akole, Dist.Ahmednagar

Principal
PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE

लेखरनुसार विद्यार्थीसंख्या तपासली असता
ती वरीलप्रमाणे बरोबर आहे.

A.S.O. A.R. D.R.

Director
Board of Examination & Evalution
Director
BOARD OF EXAMINATIONS & EVALUATION

साहसे श्रीः प्रतिवसति ।

I.D.No.PU/AN/ASC/018/1974 | HSC/1176/July 1976 Dt. 1.7.76 | H.S.C.No.J-12.01.001

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Savitribai Phule Pune University Best College Award - 2007
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Dr. Bhaskar Shelke
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E-mail : shelke_bhaskar@yahoo.com

To,
The Director,
Board Of Examination and Evaluation
Savitribai Phule Pune University,
Pune.

Date05/03/2023

Subject – **Certified the College Result for NAAC Purpose**

Dear Sir/Madam,

The Akole Taluka Education Society's Agasti Arts,Commerce & Dadasaheb Rupwate Science College Akole affiliated to savitribai phule pune University pune Exam centre Code 117 and **PUNCODE-CAAA016190** our college is going to NAAC accredition **NAAC demanded certified** result from examination controller of affiliating University

So. College attached result summery sheet please certify that Sheet.

BSC/MSC

Year	Programme name	Programme specialization	Appear students	Pass students	Result
2017-18	BSC	BSC	118	77	65.25%
2018-19	BSC	BSC	134	89	66.41%
2019-20	BSC	BSC	130	117	90%
2020-21	BSC	BSC	181	153	84.53%
2021-22	BSC	BSC	118	91	77.11%
2017-18	BSC	Computer Science	34	15	44.11%
2018-19	BSC	Computer Science	59	27	45.76%
2019-20	BSC	Computer Science	70	60	85.71%
2020-21	BSC	Computer Science	81	76	93.82%
2021-22	BSC	Computer Science	72	71	98.61%
2017-18	MSC	Chemistry	24	24	100%
2018-19	MSC	Chemistry	24	20	83.33%
2019-20	MSC	Chemistry	24	24	100%
2020-21	MSC	Chemistry	24	24	100%
2021-22	MSC	Chemistry	24	23	95.83%
2017-18	MSC	Geography	10	10	100%
2018-19	MSC	Geography	06	06	100%
2019-20	MSC	Geography	10	10	100%

P.T.O

2020-21	MSC	Geography	17	17	100%
2021-22	MSC	Geography	08	08	100%

College Exam.Officer
College Exam. Officer,
Agasti Arts,Commerce & Dadasaheb
Rupwate Science College,Akole,
Tal.Akole, Dist.Ahmednagar

PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE

Director
Board of Examination & Evalution

Director
BOARD OF EXAMINATIONS & EVALUATION

Savitribai Phule Pune University
(Formerly University of Pune)
Exam
Pune-411007.

साहसे श्रीः प्रतिवसति ।

Akole Taluka Education Society's

AGASTI ARTS, COMMERCE & DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE

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To,
The Director,
Board Of Examination and Evaluation
Savitribai Phule Pune University,
Pune.

Date 28 /02 /2023

Subject – **Certified the College Result for NAAC Purpose**

Dear Sir/Madam,

The Akole Taluka Education Society's Agasti Arts,Commerce & Dadasaheb Rupwate Science College Akole affiliated to savitribai phule pune University pune Exam centre Code 117 and PUNCODE-CAAA016190 our college is going to NAAC accredition NAAC demanded certified result from examination controller of affiliating University

So. College attached result summery sheet please certify that Sheet.

BSC.Wine Technology

Year	Programme name	Appear students ,	Pass students	Result
2017-18	BSC.Wine Technology	18	17	94.44%
2018-19	BSC.Wine Technology	25	25	100%
2019-20	BSC.Wine Technology	27	27	100%
2020-21	BSC.Wine Technology	27	25	92.59%
2021-22	BSC.Wine Technology	17	17	100%

College Exam.Officer
College Exam. Officer,
Agasti Arts,Commerce & Dadasaheb
Rupwate Science College,Akole,
Tal.Akole, Dist.Ahmednagar

Principal
PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE

साहस श्री: प्रतिवसति ।
Akole Taluka Education Society's
AGASTI ARTS, COMMERCE &
DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE
A/p. Tal. Akole, Dist. Ahmednagar, Pin - 422 601 (Maharashtra)
AIS,HE.Code : C-417

avitribai Phule Pune University Best College Award - 2007
AAC Aaccredited 'A' Grade

Dr. Bhaskar Shelke
Principal
M.A. M.Phil., Ph.D., D.Litt.
Mob.: 9890686521. Ph. 02424 - 221248
E-mail : shelke_bhaskar@yahoo.com

जा.क्र.ई/परीक्षा/103/2023

To,
The Director,
Board Of Examination and Evaluation
Savitribai Phule Pune University,
Pune.

Date 28 /02/2023

Subject – **Certified the College Result for NAAC Purpose**

Dear Sir/Madam,

The Akole Taluka Education Society's Agasti Arts,Commerce & Dadasaheb Rupwate Science College Akole affiliated to savitribai phule pune University pune Exam centre Code 117 and PUNCODE-CAAA016190 our college is going to NAAC accredition NAAC demanded certified result from examination controller of affiliating University

So. College attached result summery sheet please certify that Sheet.

BBA/BCA

Year	Programme name	Appear students	Pass students	Result
2017-18	BBA	21	17	80.95%
2018-19	BBA	26	16	61.53%
2019-20	BBA	35	24	70%
2020-21	BBA	45	43	95.55%
2021-22	BBA	49	47	95.91%
2017-18	BCA	49	24	49%
2018-19	BCA	52	17	32.69%
2019-20	BCA	58	49	84%
2020-21	BCA	59	58	98.30%
2021-22	BCA	63	59	93.65%

College Exam.Officer
College Exam. Officer,
Agasti Arts,Commerce & Dadasaheb Rupwate Science College,Akole,
Tal.Akole, Dist.Ahmednagar

परीक्षा व मूल्यमापन मंडळ
प्राप्त झाले...
दिनांक 04/03/2023

Principal
PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE

Director
Board of Examination & Evalution

AuchHC·D.T. 9518354467

साहस श्री: प्रातवसात ।
Akole Taluka Education Society's
AGASTI ARTS, COMMERCE &
DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE
A/p. Tal. Akole, Dist. Ahmednagar, Pin - 422 601 (Maharashtra)
AIS,HE.Code : C-417

Savitribai Phule Pune University Best College Award - 2007
NAAC Aaccredited 'A' Grade

Dr. Bhaskar Shelke
Principal
M.A. M.Phil., Ph.D., D.Litt.
Mob.: 9890686521. Ph. 02424 221248
E-mail : shelke_bhaskar@yahoo.com

जा.क्र./परीक्षा/04/2023

To,
The Director,
Board Of Examination and Evaluation
Savitribai Phule Pune University,
Pune.

Date / /2023

Subject – **Certified the College Result for NAAC Purpose**

Dear Sir/Madam,

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So. College attached result summery sheet please certify that Sheet.

BCOM/MCOM

Year	Programme name	Programme specialization	Appear students	Pass students	Result
2017-18	BCOM	BCOM	111	78	70.27%
2018-19	BCOM	BCOM	99	73	73.73%
2019-20	BCOM	BCOM	107	95	88.78%
2020-21	BCOM	BCOM	116	93	80.17%
2021-22	BCOM	BCOM	101	91	90.09%
2017-18	MCOM	MCOM	44	36	89.13%
2018-19	MCOM	MCOM	51	48	94.11%
2019-20	MCOM	MCOM	52	50	96.15%
2020-21	MCOM	MCOM	46	44	95.62%
2021-22	MCOM	MCOM	56	39	69.64%

College Exam.Officer
College Exam. Officer,
Arts,Commerce & Dadasaheb
Science College,Akola.
Akole, Dist.Ahmednagar

04/08/2023

Principal
PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE

Director
Board of Examination & Evalution

Avchite .D.T. 9518354467

Akole Taluka Education Society's
AGASTI ARTS, COMMERCE &
DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE
A/p. Tal. Akole, Dist. Ahmednagar, Pin - 422 601 (Maharashtra)
AIS,HE.Code : C-41748

itribai Phule Pune University Best College Award - 2007
AC Aaccredited 'A' Grade

Dr. Bhaskar Shelke
Principal
M.A. M.Phil., Ph.D., D.Litt.
Mob.: 9890686521. Ph. 02424 - 221248
E-mail : shelke_bhaskar@yahoo.com

आ.ह.म.वि/तसी/105/2023

To,
The Director,
Board Of Examination and Evaluation
Savitribai Phule Pune University,
Pune.

Date 28 / 02 /2023

Subject – **Certified the College Result for NAAC Purpose**

Dear Sir/Madam,

The Akole Taluka Education Society's Agasti Arts,Commerce & Dadasaheb Rupwate Science College Akole affiliated to savitribai phule pune University pune Exam centre Code 117 and **PUNCODE-CAAA016190** our college is going to NAAC accredition **NAAC demanded certified** result from examination controller of affiliating University

So. College attached result summery sheet please certify that Sheet.

BSC/MSC

Year	Programme name	Programme specialization	Appear students	Pass students	Result
2017-18	BSC	BSC	118	77	65.25%
2018-19	BSC	BSC	134	89	66.41%
2019-20	BSC	BSC	130	117	90%
2020-21	BSC	BSC	181	153	84.53%
2021-22	BSC	BSC	118	91	77.11%
2017-18	BSC	Computer Science	34	15	44.11%
2018-19	BSC	Computer Science	59	27	45.76%
2019-20	BSC	Computer Science	70	60	85.71%
2020-21	BSC	Computer Science	81	76	93.82%
2021-22	BSC	Computer Science	72	71	98.61%
2017-18	MSC	Chemistry	24	24	100%
2018-19	MSC	Chemistry	24	20	83.33%
2019-20	MSC	Chemistry	24	24	100%
2020-21	MSC	Chemistry	24	24	100%
2021-22	MSC	Chemistry	24	23	95.83%
2017-18	MSC	Geography	10	10	100%
2018-19	MSC	Geography	06	06	100%

Auchite. DIT. 9518354467

P.T.O

परीक्षा व मूल्यमापन मंडळ
होय स्वाक्षरी..
दिनांक 04/05/2023

2019-20	MSC	Geography	10	10	100%
2020-21	MSC	Geography	17	17	100%
2021-22	MSC	Geography	08	08	100%

College Exam.Officer
College Exam. Officer,
Agasti Arts,Commerce & Dadasaheb
Rupwate Science College,Akole,
Tal.Akole, Dist.Ahmednagar

PRINCIPAL
Principal
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE

Director
Board of Examination & Evalution

साहसे श्री: प्रतिवसति ।

I.D.No.PU/AN/ASC/018/1974. HSC/1176/July 1976 Dt. 1.7.76 H.S.C.No.1-12.01.001

Akole Taluka Education Society's

AGASTI ARTS, COMMERCE &

DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE

A/p. Tal. Akole, Dist. Ahmednagar, Pin - 422 601 (Maharashtra)

AIS,HE.Code : C-4174

avitribai Phule Pune University Best College Award - 2007

AAC Aaccredited 'A' Grade

Dr. Bhaskar Shelke
Principal

I M.A. M.Phil., Ph.D., D.Litt.
I Mob.: 9890686521. Ph. 02424 - 221248
I E-mail : shelke_bhaskar@yahoo.com

जी.कॉ (परी)/106/2023

To,

Date 28/02/2023

The Director,
Board Of Examination and Evaluation
Savitribai Phule Pune University,
Pune.

Subject – **Certified the College Result for NAAC Purpose**

Dear Sir/Madam,

The Akole Taluka Education Society's Agasti Arts,Commerce & Dadasaheb Rupwate Science College Akole affiliated to savitribai phule pune University pune Exam centre Code 117 and PUNCODE-CAAA016190 our college is going to NAAC accredition **NAAC demanded certified** result from examination controller of affiliating University

So. College attached result summery sheet please certify that Sheet.

BA &MA

Year	Programme name	Programme specialization	Appear students	Pass students	Result
2017-18	BA	BA	215	71	33.03%
2018-19	BA	BA	178	61	34.26%
2019-20	BA	BA	190	88	46.31%
2020-21	BA	BA	240	170	70.83%
2021-22	BA	BA	117	95	81.19%
2017-18	MA	Marathi	15	15	100%
2018-19	MA	Marathi	07	07	100%
2019-20	MA	Marathi	07	07	100%
2020-21	MA	Marathi	09	09	100%
2021-22	MA	Marathi	08	06	75%
2017-18	MA	English	09	07	77.77%
2018-19	MA	English	10	10	100%
2019-20	MA	English	02	02	100%
2020-21	MA	English	09	08	88.88%
2021-22	MA	English	09	09	100%
2017-18	MA	Hindi	10	08	80%
2018-19	MA	Hindi	08	05	62.5%
2019-20	MA	Hindi	09	09	100%
2020-21	MA	Hindi	10	10	100%
2021-22	MA	Hindi	18	16	88.88%
2017-18	MA	Politics	28	26	92.85%
2018-19	MA	Politics	22	22	100%
2019-20	MA	Politics	28	27	96.42%

Auditor 9518354467

A.T.O

प्रभारी प्राचार्य

दिनांक 01/03/2023

2020-21	MA	Politics	26	25	96.15%
2021-22	MA	Politics	46	42	91.30%

College Exam.Officer
College Exam. Officer,
Agasti Arts,Commerce & Dadasaheb
Rupwate Science College,Akole,
Tal.Akole, Dist.Ahmednagar

Principal
PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE

Director
Board of Examination & Evalution

Akole Taluka Education Society's

Agasti Arts, Commerce and Dadasaheb Rupwate Science College

Akole, Tal - Akole, Dist - Ahmednagar, (422601)

Examination Department

Activity Report:-

Activity Name	Orientation of Teachers Regarding ABC id
Date	18/10/2022
Activity for	All UG/PG teachers
Objectives	To inform about the ABC ID portal To introduce the procedure of ABC id
Brief information about activity	As per the government GR it has been mandatory for students to have their own ABC ID, so the department organized orientation programme for teachers so that they can make students aware about ABC ID and help them to create.
Outcome	The teachers got an idea of ABC id portal and created their own ABC id.
No of Teachers	50
Attachment /Reports	Attendance Sheet, Photos

CEO

College Exam. Officer,
Agasti Arts,Commerce & Dadasaheb
Rupwate Science College,Akole,
Tal.Akole. Dist.Ahmednagar

Principal

PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE

साहसे श्री प्रतिवसति।

Akole Taluka Education Society's

Agasti Arts, Commerce and Dadasaheb Rupwate Science College Akole,

Tal- Akole, Dist. - Ahmednagar 422601

Examination Department

Name of programme: - Orientation of Teachers regarding ABC- ID

Date: - 18 /10 /2022

Sr.No	Name of the Teachers	Signature
1.	Ambse Kiran kailas	
2.	Dr. Shete Devdatta D.	
3.	Prof. A.R. Punde	
4.	Prof. Y.A. Deshmukh	
5.	Prof R.S. Deshmukh	
6.	Prof. D.R. Khatik	
7.	Prof. Kalkad V.V.	
8.	Prof Khatal B.T.	
9.	Prof. Pancham R.V.	
10.	Prof. Muthe S.G.	
11.	Prof. Waghmare D.R.	
12.	Prof. Shaikh S.N.	
13.	Prof. Wakchaure S.R.	
14.	Prof. Premkumar Ramchandra Mali	
15.	Sandesh Dasharath Kasar (Asst. Prof.)	
16.	Dr. Surinder Nawale	
17.	Prof. Gawande S.D.	
18.	Hase V.A	
19.	Prof. Bhangare G.S.	
20.	Prof. Shete S.S.	
21.	Prof. Dr. Sunil Shankute	
22.	Prof. Vaidya S.S.	
23.	Prof. Wakchaure V.R.	
24.	Prof. Pansare C.D.	

25.	Dr. Waghmare R.K.	
26.	Dr. K.S. Jadhav	
27.	Prof. Kasar R.S.	
28.	Dr. Rahul Bhosale	
29.	Dr. Kadam R.M.	
30.	Prof. Bangal S.M.	
31.	Prof. Kakad V.U.	
32.	Prof. Vaidya P.R.	
33.	Prof. Tambe Minakshi Vasant	
34.	Prof. Ankalkar Amruta Sanjay	
35.	Prof. Pathan Ashpak Kankar	
36.	Prof. Wakchaure Arun Laham	
37.	Prof. Bhangare Ganesh Shivnath	
38.	Dr. Vilas K. Bhangare	
39.	Lt. Sachin A. Palande	
40.	Prof. Deshmukh V.M.	
41.	Shri Vaidya G.N.	
42.	Gungal K.S.	
43.	Sawant S.P.	
44.	Shaikh T.R.	
45.	Mali P.R.	
46.	Kadale A.S	
47.	Ambe K.C	
48.	Gadage S.P.	
49.	Karpe R.P.	
50.	Papal D.L.	
51.		
52.		
53.		
54.		
55.		
56.		

College Exam. Officer,
Agasti Arts, Commerce & Dadasaheb
Rupwate Science College, Akole,
Tal. Akole, Dist. Ahmednagar

GPS Map Camera
Akole, Maharashtra, India
GXQW+PHF, MH SH 21, Akole, Maharashtra 422601, India
Lat 19.53915°
Long 73.99634°
18/10/22 11:22 AM GMT +05:30
Akole
Google

GPS Map Camera
Nawalewadi, Maharashtra, India
GXQV+H79, Nawalewadi, Maharashtra 422601, India
Lat 19.538582°
Long 73.993104°
18/10/22 11:22 AM GMT +05:30
44
21
Google

GPS Map Camera
Nawalewadi, Maharashtra, India
GXQV+H79, Nawalewadi, Maharashtra 422601, India
Lat 19.538582°
Long 73.993104°
18/10/22 11:26 AM GMT +05:30
Google

GPS Map Camera
Akole, Maharashtra, India
GXQW+PHF, MH SH 21, Akole, Maharashtra 422601, India
Lat 19.539148°
Long 73.996344°
18/10/22 11:22 AM GMT +05:30
Google

साहसे श्री: प्रतिवसति ।

I.D.No.PU/AN/ASC/018/1974. HSC/1176/July 1976 Dt. 1.7.76 H.S.C.No.J-12.01.001

Akole Taluka Education Society's

AGASTI ARTS, COMMERCE &

DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE

A/p. Tal. Akole, Dist. Ahmednagar, Pin - 422 601 (Maharashtra)

AIS,HE.Code : C-41748

Savitribai Phule Pune University Best College Award - 2007

NAAC Aaccredited 'A' Grade

Dr. Bhaskar Shelke

Principal

M.A. M.Phil., Ph.D., D.Litt.

Mob.: 9890686521. Ph. 02424 - 221248

E-mail : shelke_bhaskar@yahoo.com

जा.क्र./सी /106/2023

सावित्रीबाई फुले पुणे विद्यापीठ, पुणे-७.

2 MAR 2023

छाननी व तालिनीकरण कक्ष

आवक क्र. 2464

Date 28/02/2023

01 MAR 2023

आवक क्रमांक: 3191

आवक दिनांक 02/03/2023

To,
The Director,
Board Of Examination and Evaluation
Savitribai Phule Pune University,
Pune.

Subject – **Certified the College Result for NAAC Purpose**

Dear Sir/Madam,

The Akole Taluka Education Society's Agasti Arts,Commerce & Dadasaheb Rupwate Science College Akole affiliated to savitribai phule pune University pune Exam centre Code 117 and PUNCODE-CAAA016190 our college is going to NAAC accredition **NAAC demanded certified** result from examination controller of affiliating University

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2018-19	MA	Hindi	08	05	62.5%
2019-20	MA	Hindi	09	09	100%
2020-21	MA	Hindi	10	10	100%
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AR-2

Avchite-DIT: 9518354467

PTO

Director
Board of Examinations & Evaluation

2020-21	MA	Politics	26	25	96.15%
2021-22	MA	Politics	46	42	91.30%

College Exam.Officer

College Exam. Officer,
Agasti Arts,Commerce & Dadasaheb
Rupwate Science College,Akole,
Tal.Akole, Dist.Ahmednagar

Principal

PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE

Savitribai Phule Pune University (Formerly University of Pune) Exam Pune-411007.

Director
Board of Examination & Evalution

Director
BOARD OF EXAMINATIONS & EVALUATION

साहसे श्री: प्रतिवसति ।
I.D.No.PU/AN/ASC/018/1974. | HSC/1176/July 1976 Dt. 1.7.76 | H.S.C.No.J-12.01.001
Akole Taluka Education Society's
AGASTI ARTS, COMMERCE &
DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE
A/p. Tal. Akole, Dist. Ahmednagar, Pin - 422 601 (Maharashtra)
AIS,HE.Code : C-41748
I Savitribai Phule Pune University Best College Award - 2007
I NAAC Aaccredited 'A' Grade
Dr. Bhaskar Shelke
Principal
I M.A. M.Phil., Ph.D., D.Litt.
I Mob.: 9890686521. Ph. 02424 - 221248
I E-mail : shelke_bhaskar@yahoo.com

जा.क्र./कला/निवेदन/107/2023

To,
The Director,
Board Of Examination and Evaluation
Savitribai Phule Pune University,
Pune.

Date 05/03/2023

Subject – **Certified the College Result for NAAC Purpose**

Dear Sir/Madam,

The Akole Taluka Education Society's Agasti Arts,Commerce & Dadasaheb Rupwate Science College Akole affiliated to savitribai phule pune University pune Exam centre Code 117 and PUNCODE-CAAA016190 our college is going to NAAC accredition NAAC demanded certified result from examination controller of affiliating University

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College Exam.Officer
College Exam. Officer,
Agasti Arts,Commerce & Dadasaheb
Rupwate Science College,Akole,
Tal.Akole, Dist.Ahmednagar

Principal
PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE

* B.Com व M.Com चे लेखर तपासले असता वरील प्रमाणे बरोबर आहे.

AR 10/3/23

DR

A.S.O 10/03/23

Director
Board of Examination & Evalution
Director
BOARD OF EXAMINATIONS & EVALUATION

साहसे श्री: प्रतिवसति ।

I.D.No.PU/AN/ASC/018/1974. | HSC/1176/July 1976 Dt. 1.7.76 | H.S.C.No.J-12.01.001

Akole Taluka Education Society's

AGASTI ARTS, COMMERCE &

DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE

A/p. Tal. Akole, Dist. Ahmednagar, Pin - 422 601 (Maharashtra)

AIS,HE.Code : C-41748

Savitribai Phule Pune University Best College Award - 2007

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Dr. Bhaskar Shelke
Principal

| M.A. M.Phil., Ph.D., D.Litt.
| Mob.: 9890686521. Ph. 02424 - 221248
| E-mail : shelke_bhaskar@yahoo.com

प्रा.प्र/(सा)/निकाल/107/2023

To,

The Director,
Board Of Examination and Evaluation
Savitribai Phule Pune University,
Pune.

Date 05/03/2023

Subject – **Certified the College Result for NAAC Purpose**

Dear Sir/Madam,

The Akole Taluka Education Society's Agasti Arts,Commerce & Dadasaheb Rupwate Science College Akole affiliated to savitribai phule pune University pune Exam centre Code 117 and PUNCODE-CAAA016190 our college is going to NAAC accredition NAAC demanded certified result from examination controller of affiliating University

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2019-20	BCA	58	49	84%
2020-21	BCA	59	58	98.30%
2021-22	BCA	63	59	93.65%

College Exam.Officer
College Exam. Officer,
Agasti Arts,Commerce & Dadasaheb
Rupwate Science College,Akole,
Tal.Akole, Dist.Ahmednagar

Principal
PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE

नोंदीनुसार विद्यार्थीसंख्या तपासली असता ती वरीलप्रमाणे बरोबर आहे.

A.S.O.

A.

D.

Director
Board of Examination & Evalution
BOARD OF EXAMINATIONS & EVALUATION

साहसे श्री: प्रतिवसति ।
I.D.No.PU/AN/ASC/018/1974. | HSC/1176/July 1976 Dt. 1.7.76 | H.S.C.No.J-12.01.001
Akole Taluka Education Society's
AGASTI ARTS, COMMERCE &
DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE
A/p. Tal. Akole, Dist. Ahmednagar, Pin - 422 601 (Maharashtra)
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Principal
I M.A. M.Phil., Ph.D., D.Litt.
I Mob.: 9890686521. Ph. 02424 - 221248
I E-mail : shelke_bhaskar@yahoo.com

प्रा.कु/(सं)/निकाल/०५/2023

To,
The Director,
Board Of Examination and Evaluation
Savitribai Phule Pune University,
Pune.

Date 05/03 /2023

Subject – **Certified the College Result for NAAC Purpose**

Dear Sir/Madam,

The Akole Taluka Education Society's Agasti Arts,Commerce & Dadasaheb Rupwate Science College Akole affiliated to savitribai phule pune University pune Exam centre Code 117 and **PUNCODE-CAAA016190** our college is going to NAAC accredition **NAAC demanded certified** result from examination controller of affiliating University

So. College attached result summery sheet please certify that Sheet.

BSC/MSC

Year	Programme name	Programme specialization	Appear students	Pass students	Result
2017-18	BSC	BSC	118	77	65.25%
2018-19	BSC	BSC	134	89	66.41%
2019-20	BSC	BSC	130	117	90%
2020-21	BSC	BSC	181	153	84.53%
2021-22	BSC	BSC	118	91	77.11%
2017-18	BSC	Computer Science	34	15	44.11%
2018-19	BSC	Computer Science	59	27	45.76%
2019-20	BSC	Computer Science	70	60	85.71%
2020-21	BSC	Computer Science	81	76	93.82%
2021-22	BSC	Computer Science	72	71	98.61%
2017-18	MSC	Chemistry	24	24	100%
2018-19	MSC	Chemistry	24	20	83.33%
2019-20	MSC	Chemistry	24	24	100%
2020-21	MSC	Chemistry	24	24	100%
2021-22	MSC	Chemistry	24	23	95.83%
2017-18	MSC	Geography	10	10	100%
2018-19	MSC	Geography	06	06	100%
2019-20	MSC	Geography	10	10	100%

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2020-21	MSC	Geography	17	17	100%
2021-22	MSC	Geography	08	08	100%

College Exam.Officer

College Exam. Officer,
Agasti Arts,Commerce & Dadasaheb
Rupwate Science College,Akole,
Tal.Akole, Dist.Ahmednagar

Principal

PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE

Director
Board of Examination & Evalution

Director
BOARD OF EXAMINATIONS & EVALUATION

Savitribai Phule Pune University
(Formerly University of Pune)
Exam
Pune-411007.

साहसे श्रीः प्रतिवसति ।
I.D.No.PU/AN/ASC/018/1974. | HSC/1176/July 1976 Dt. 1.7.76 | H.S.C.No.J-12.01.001
Akole Taluka Education Society's
AGASTI ARTS, COMMERCE &
DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE
A/p. Tal. Akole, Dist. Ahmednagar, Pin - 422 601 (Maharashtra)
AIS,HE.Code : C-41748
I Savitribai Phule Pune University Best College Award - 2007
I NAAC Aaccredited 'A' Grade
Dr. Bhaskar Shelke
Principal
I M.A. M.Phil., Ph.D., D.Litt.
I Mob.: 9890686521. Ph. 02424 - 221248
I E-mail : shelke_bhaskar@yahoo.com

जा.क्र./सा.श्री./प्रतिवसति/107/2023

To,
The Director,
Board Of Examination and Evaluation
Savitribai Phule Pune University,
Pune.

Date 05/03/2023

Subject – **Certified the College Result for NAAC Purpose**

Dear Sir/Madam,

The Akole Taluka Education Society's Agasti Arts,Commerce & Dadasaheb Rupwate Science College Akole affiliated to savitribai phule pune University pune Exam centre Code 117 and PUNCODE-CAAA016190 our college is going to NAAC accredition NAAC demanded certified result from examination controller of affiliating University

So. College attached result summery sheet please certify that Sheet.

BBA/BCA

Year	Programme name	Appear students	Pass students	Result
2017-18	BBA	21	17	80.95%
2018-19	BBA	26	16	61.53%
2019-20	BBA	35	24	70%
2020-21	BBA	45	43	95.55%
2021-22	BBA	49	47	95.91%
2017-18	BCA	49	24	49%
2018-19	BCA	52	17	32.69%
2019-20	BCA	58	49	84%
2020-21	BCA	59	58	98.30%
2021-22	BCA	63	59	93.65%

College Exam.Officer

College Exam. Officer,
Agasti Arts,Commerce & Dadasaheb
Rupwate Science College,Akole,
Tal.Akole, Dist.Ahmednagar

Savitribai Phule Pune University (Formerly University of Pune) Exam Pune-411007.

Principal

PRINCIPAL
AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE

Director
Board of Examination & Evalution

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I Savitribai Phule Pune University Best College Award - 2007
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Dr. Bhaskar Shelke
Principal
I M.A. M.Phil., Ph.D., D.Litt.
I Mob.: 9890686521. Ph. 02424 - 221248
I E-mail : shelke_bhaskar@yahoo.com

जा.क्र.(परी)/निकाल/207/2023

To,
The Director,
Board Of Examination and Evaluation
Savitribai Phule Pune University,
Pune.

Date 05/03/2023

Subject – **Certified the College Result for NAAC Purpose**

Dear Sir/Madam,

The Akole Taluka Education Society's Agasti Arts,Commerce & Dadasaheb Rupwate Science College Akole affiliated to savitribai phule pune University pune Exam centre Code 117 and PUNCODE-CAAA016190 our college is going to NAAC accredition **NAAC demanded certified** result from examination controller of affiliating University

So. College attached result summery sheet please certify that Sheet.

BA &MA

Year	Programme name	Programme specialization	Appear students	Pass students	Result
2017-18	BA	BA	215	71	33.03%
2018-19	BA	BA	178	61	34.26%
2019-20	BA	BA	190	88	46.31%
2020-21	BA	BA	240	170	70.83%
2021-22	BA	BA	117	95	81.19%
2017-18	MA	Marathi	15	15	100%
2018-19	MA	Marathi	07	07	100%
2019-20	MA	Marathi	07	07	100%
2020-21	MA	Marathi	09	09	100%
2021-22	MA	Marathi	08	06	75%
2017-18	MA	English	09	07	77.77%
2018-19	MA	English	10	10	100%
2019-20	MA	English	02	02	100%
2020-21	MA	English	09	08	88.88%
2021-22	MA	English	09	09	100%
2017-18	MA	Hindi	10	08	80%
2018-19	MA	Hindi	08	05	62.5%
2019-20	MA	Hindi	09	09	100%
2020-21	MA	Hindi	10	10	100%
2021-22	MA	Hindi	18	16	88.88%
2017-18	MA	Politics	28	26	92.85%
2018-19	MA	Politics	22	22	100%
2019-20	MA	Politics	28	27	96.42%

P.T.O

I.D.No.PU/AN/ASC/018/1974. I HSC/1176/July 1976 Dt. 1.7.76 I H.S.C.No.J-12.01.0

साहसे श्री: प्रतिवसति ।

Akole Taluka Education Society's

AGASTI ARTS, COMMERCE &

DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE

A/p. Tal. Akole, Dist. Ahmednagar, Pin - 422 601 (Maharashtra) AIS,HE.Code : C-417

I Savitribai Phule Pune University Best College Award - 2007

I NAAC Aaccredited 'A' Grade

Dr. Bhaskar Shelke
Principal

I M.A. M.Phil., Ph.D., D.Litt.
I Mob.: 9890686521. Ph. 02424 - 2212
I E-mail : shelke_bhaskar@yahoo.co

सा.वि/(नि)/1473/07/2023

To,
The Director,
Board Of Examination and Evaluation
Savitribai Phule Pune University,
Pune.

Date 05/03/2023

Subject – **Certified the College Result for NAAC Purpose**

Dear Sir/Madam,

The Akole Taluka Education Society's Agasti Arts,Commerce & Dadasaheb Rupwate Science College Akole affiliated to savitribai phule pune University pune Exam centre Code 117 and PUNCODE-CAAA016190 our college is going to NAAC accredition NAAC demanded certified result from examination controller of affiliating University

So. College attached result summery sheet please certify that Sheet.

BCOM/MCOM

Year	Programme name	Programme specialization	Appear students	Pass students	Result
2017-18	BCOM	BCOM	111	78	70.27%
2018-19	BCOM	BCOM	99	73	73.73%
2019-20	BCOM	BCOM	107	95	88.78%
2020-21	BCOM	BCOM	116	93	80.17%
2021-22	BCOM	BCOM	101	91	90.09%
2017-18	MCOM	MCOM	44	36	89.13%
2018-19	MCOM	MCOM	51	48	94.11%
2019-20	MCOM	MCOM	52	50	96.15%
2020-21	MCOM	MCOM	46	44	95.62%
2021-22	MCOM	MCOM	56	39	69.64%

College Exam.Officer
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Agasti Arts,Commerce & Dadasaheb
Rupwate Science College,Akole,
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Savitribai Phule Pune University (Formerly University of Pune) Exam Pune-411007.

Principal
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साहसे श्री: प्रतिवसति ।

Akole Taluka Education Society's
AGASTI ARTS, COMMERCE &
DADASAHEB RUPWATE SCIENCE COLLEGE, AKOLE
A/p. Tal. Akole, Dist. Ahmednagar, Pin - 422 601 (Maharashtra)
AIS, HE. Code: C-4174

Savitribai Phule Pune University Best College Award - 2007
NAAC Aaccredited 'A' Grade

Dr. Bhaskar Shelke
Principal
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Mob.: 9890686521. Ph. 02424 - 2212
E-mail : shelke_bhaskar@yahoo.co

To,
The Director,
Board Of Examination and Evaluation
Savitribai Phule Pune University,
Pune.

Date 28 /02 /2023

Subject – **Certified the College Result for NAAC Purpose**

Dear Sir/Madam,

The Akole Taluka Education Society's Agasti Arts,Commerce & Dadasaheb Rupwate Science College Akole affiliated to savitribai phule pune University pune Exam centre Code 117 and PUNCODE-CAAA016190 our college is going to NAAC accredition NAAC demanded certified result from examination controller of affiliating University

So. College attached result summery sheet please certify that Sheet.

BSC.Wine Technology

Year	Programme name	Appear students	Pass students	Result
2017-18	BSC.Wine Technology	18	17	94.44%
2018-19	BSC.Wine Technology	25	25	100%
2019-20	BSC.Wine Technology	27	27	100%
2020-21	BSC.Wine Technology	27	25	92.59%
2021-22	BSC.Wine Technology	17	17	100%

College Exam.Officer
College Exam. Officer,
Agasti Arts,Commerce & Dadasaheb
Rupwate Science College,Akole,
Tal.Akole, Dist.Ahmednagar

Principal
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AGASTI ARTS, COMM. & DADASAHEB
RUPWATE SCIENCE COLLEGE, AKOLE