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| Name of faculty  |  Arts and Science  |
| Name of department | Geography |
| PG programme | M.A. /M.Sc. Geography |
| **Programme Specific Outcome** |
| 1. The students pursuing this course would have to develop in depth understanding of various aspects of the subject. 2. The working principles, design guidelines and experimental skills associated with different fields of Geography such as Geomorphology, Climatology, Economic Geography, Population Geography, Settlement Geography, Remote Sensing and GIS (Geoinformatics), etc.3.Demonstrate an ability to develop a research proposal and carry out independent research 4. Have an in-depth understanding of, and mastery of the literature in, at least one particular geographic subfield 5. Demonstrate an ability to present and defend research work in oral, written, and graphic forms |

**Format for PSO and CO for AY 2019-20**

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| **Course Outcomes :M.A. /M.Sc.** |
| **Semester –I****Theory courses:**GGUT-111: Principles of Geomorphology (4 Credit)1. The learner will be Understand the interior part of earth.
2. The learner will be acquired the knowledge about the land features.
3. The learner will be acquired the knowledge about the Geomorphic processes of river, Glacial, wind, sea waves etc.

GGUT -112: Principles of Climatology (4 Credit) 1. Learn the interaction between the atmosphere and the earth’s surface.  2. Understand the importance of the atmospheric pressure and winds.  3. Understand how atmospheric moisture works.  4. Develop an idea about cyclones.GGUT-113 :Principles of Economic Geography (Credits – 4 )1. The learner will be acquired knowledge about economic activates of human being.
2. The learner will be acquired knowledge about stages of economic development of region
3. The learner will be able a case study of agro-based industry.

GGUT -112: Principles of Population and Settlement geography (4 Credit)1. Build an idea about urban and rural settlements, and its relationship with environment and also different theories related to settlement geography. 2. Know about classification and morphology of settlements. 3. Understand the trends and patterns of world urbanization. 4. Know about different theories of urban growth. **Practical courses:**   GGUP -115: Practical in Physical and Human geography (4 Credit)1. The learner will be able to analysis drainage area.
2. The learner will be able to Draw Climatic elements diagrams.
3. The learner will be acquired the knowledge about the Agriculture regionalization with the help of crop combination methods.
4. The learner will be able to Measurement of network structure.
5. The learner will be able to analysis of population and settlement data and to show with the help of various maps and graph.
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| **Semester-III****Theory Courses :** Gg-301: Geography Of India With Spl. Ref. to Maharashtra.1. The learner will be acquired the knowledge about the Location, Geological structure of India and Maharashtra.
2. The learner will be Understand the Physiography, Drainage, Climate, soil, Forest of India and Maharashtra.
3. The learner will be acquired the knowledge about the distribution of mineral, power recourses, major crops, industries, population of India and Maharashtra.
4. The learner will be Understand the Development of India and Maharashtra.

Gg-303: Research methods in Geography.1. The learner will be acquired the basic knowledge about the Research methods.
2. The learner will be known about the use of toposheets, aerial photographs, satellite images in research.
3. The learner will be Understand the to collect geographical data by field work and analysis the data with the help statistical methods and how to prepare the report.

Gg: 306 Title: Geoinformatics –III (Credits – 3 )1. The learner will be acquired knowledge about Spatial Analysis
2. The learner will be acquired knowledge about Digital Image Processing

Gg-312: Trade and Transport geography.1. The learner will be acquired the basic knowledge about the Modes of transportation and measurement of network structure.
2. The learner will be acquired the knowledge about the Trade, international trade.
3. The learner will be Understand the significance of transportations and trade in the economy.

Gg- 321: Political Geography1. The learner will be acquired knowledge about History and development of political geography.
2. The learner will be Understand the concept of Nation and State.
3. The learner will be acquired the knowledge about the Geopolitical Significance of Indian Ocean.
4. The learner will be acquired the knowledge about the Political Geography of India.

**Practical courses:**  Gg-302: Interpretation of topographical maps and village survey / project report.1. The learner will be acquired the basic knowledge about the SOI and OS toposheet.
2. The learner will be able to interpret the physical and cultural features with the help of toposheets.
3. The learner will be acquired the knowledge about the socio –economic survey. And how to prepare the report.

Gg: 307 Title: Practicals in Geoinformatics (Credits – 3 )1. The learner will be acquired knowledge about Statistics, Projections and Survey.
2. The learner will be acquired knowledge about stages of economic development of region
3. The learner will be able to interpretation of Aerial Photography and Satellite Images.
4. The learner will be acquired the skill of Software based Image Processing in GIS

Gg: 332: Practicals in Economic Geography (Credits – 3 )1. The learner will be acquired knowledge about Techniques in Agricultural Geography.
2. The learner will be acquired knowledge about Techniques in Industrial Geography.
3. The learner will be acquired knowledge about Techniques in Transport Geography.
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