

Research Publications

Sr. No.	Name of Author(s)	Year	Title of the Paper	Name of Journal	Volume/ Issue	Pages	Level/Impact factor
1	Sanjay B. Navale and Vijay S. Bhagat	2022	Use of AHP based Weighted Analysis for Impact Assessment of Coastal Tourism in Ratnagiri District, Maharashtra (India): Respondents' Point of View	Journal of Geographical Studies Online ISSN: 2582-1083	6(1)	1-32	International
2	Surindar Gopalrao Wawale, Aadarsh Bisht, Sonali Vyas, Chutimon Narawish and SamratRaye	2022	An overview: modeling and forecasting of time series data using different techniques in reference to human stress	Neuroscience Informatics	2(3)	1-11	International IF- 4.08
3	Wenyi Zheng, Abolfazl Mehbodniya, Rahul Neware, Surindar Gopalrao Wawale, Bibhu Prasad Ganthia and Mohammad Shabaz	2022	Modular unmanned aerial vehicle platform design: Multi-objective evolutionary system method	Computers and Electrical Engineering	99		IF- 3.8
4	Surindar Gopalrao Wawale, Malik Jawarneh, P. Naveen Kumar, Thomas Felix, Jyoti Bhola, Roop Raj, Sathyapriya Eswaran and Rajasekhar Boddu	2022	Minimizing the Error Gap in Smart Framing by Forecasting Production and Demand Using ARIMA Model	Journal of Food Quality		1-9	

5	Anil Rambhau Mengal	2021	Prospects and problems of adventure tourism places around the nashik city, Maharashtra	Akshara Multidisciplinary research journal	5(3)	30-36	
6	Sanjay B. Navale and Vijay S. Bhagat	2021	Detection and Delineation of Potential Areas for Tourism Activities in Coastal Zone of Ratnagiri District, Maharashtra (India)	Journal of Geographical Studies Online ISSN: 2582-1083	6(2)	79-113	International
7	Khemnar Shivaji B.	2021	Terrorism Problem in India: Cause and Effects	Akshar Wangmay International Journal ISBN/ISSN no.:- 2229-4929	6		
8	Zhengjun Hao, Asadullah Asadullah, Surindar Wawale and Subrata Das	2021	network technology in intelligent management of urban traffic equipment	International Journal of System Assurance Engineering and Management	13	197-202	
9	Vijay S. Bhagat, Sanjay B. Navale and Rajendra S. Suryawanshi	2021	A Morphological Study for Identified the Potential of Ganpatipule Coastal Tourism in Western Maharashtra (India): Analytical Hierarchy Process	Applied Ecology and Environmental Sciences, ISSN(Print): 2328-3912 / ISSN (Online): 2328-3920	9	322-335	IF- 0.711
10	Ravindra D. Gaikwad and Vijay S. Bhagat	2021	Using Multi - Criteria, AHP and Influence Approaches for Agriculture Development: A Case Study of Upper Mula Basin in Maharashtra (India)	Applied Ecology and Environmental Sciences, ISSN(Print): 2328-3912 / ISSN (Online): 2328-3920	9	368-379	IF- 0.711
11	Pandharinath T. Karande, Vijay S. Bhagat and Rajendra B. Zolekar	2021	Fodder Estimations for Dairy Activity in Tribal Area of Upper Pravara Basin in Maharashtra (India)	Applied Ecology and Environmental Sciences ISSN(Print): 2328-3912 / ISSN (Online): 2328-3920	9	557-574	International IF- 0.711
12	Vijay S. Bhagat and B. Wani	2021	Climatic water budget-A case study of Rahata Tahsil in Ahmednagar district (MH)	ASIAN JOURNAL OF MULTIDIMENSIONAL RESEARCH ISSN: 2278-4853			International IF- 7.699

13	M. Rajasekhar, K. Ajaykumar, Sudarsana Raju and Vijay Bhagat	2021	Identification of artificial groundwater recharge zones in semi-arid region of southern India using geospatial and integrated decision-making approaches	Environmental Challenges	5	100278	International IF- 6.789
14	Ajaykumar Kadam, Rajasekhar M, Bhavana Umrikar, Vijay Bhagat, Vasant Wagh and R. N Sankua	2021	Land Suitability Analysis for Afforestation in Semi-arid Watershed of Western Ghat, India: A Groundwater Recharge Perspective	Geology Ecology and Landscapes	5(2)	136-148	International
15	Rajendra B. Zolekar, Rahul S. Todmal, Vijay S. Bhagat, Santosh A. Bhailume, Mahendra S. Korade and Sumit Das	2021	Hydro-chemical characterization and geospatial analysis of groundwater for drinking and agricultural usage in Nashik district in Maharashtra, India	Environment, Development and Sustainability	23	4433–4452	Peer Reviewed Indexed IF- 2.191
16	Surindar Wawale and Dattatray Sheshrao Ghungarde	2021	The Role of Farm Ponds in Agricultural Development: A Case Study of Nivadunge Village in Pathardi Tehsil of Ahmednagar District (M.S.)	Applied Ecology and Environmental Sciences ISSN : 2328-3920	9(8)		IF 0.06
17	Shanthi D. L., Surapaneni K. M., Preethi S., Dasari A. Reddy, Surindar Wawale and Abdus S. D	2021	Bio-Applications of Industry 4.0 Machine Learning High-Quality Control and Predictive Environment Maintenance	International Journal of Biology, Pharmacy and Allied Sciences ISSN : 2277-4998	10(11)	600-611	IF- 1.89

18	Abhijit maidamwar, loganathan m.k, dinesh mavaluru, kirubakaran, surindar gopalrao wawale and sonu kumar	2021	The Smart Irrigation Sector Determines the Best Development Approach for certain Optimized Problems using Machine Learning	International Journal of Biology, Pharmacy and Allied Sciences ISSN : 2277-4998	10(11)	964-975	IF- 1.89
19	Zhengjun Hao, Asadullah Asadullah, Surindar Wawale and Subrata Das	2021	Application of MODBUS double-layer communication network technology in intelligent management of urban traffic equipment.	International Journal of System Assurance Engineering and Management ISSN : 0975-6809	13	197–202	IF: 1.72
20	Xin Zhang, Shehab Mohamed Beram, Mohd Anul Haq, Surindar Gopalrao Wawale and Ahmed Mateen Buttar	2021	Research on algorithms for control design of human–machine interface system using ML	International Journal of System Assurance Engineering and Management ISSN : 0975-6809	13	462–469	IF: 1.72
21	Madiga Rajasekhar, Sudarsana Raju Gadhiraaju, Ajaykumar Kadam and Vijay Bhagat	2020	Identification of groundwater recharge-based potential rainwater harvesting sites for sustainable development of a semiarid region of southern India using geospatial, AHP, and SCS-CN approach	Arabian Journal of Geosciences EISSN: 1866-7538; ISSN:1866-7511	13		International IF: 1.141
22	Vijay Bhagat	2020	Women Authorship of Scholarly Publications on COVID-19: Leadership Analysis	Feminist Research	4	Jun-17	International IF: 0.67
23	Vijay S. Bhagat, Ajaykumar Kadam and Suresh Kumar	2019	Analysis of Remote Sensing based Vegetation Indices (VIs) for Unmanned Aerial System (UAS): A Review	Remote Sensing of Land	3	58-73	International IF: 10.164
24	Surindar Wawale	2019	Assesment of Immigration Pattern of Pune District With Special Reference to India States In 2001	International Journal of Research and Analytical	6(1)		IF 2.01

				Reviews (IJRAR) ISSN : 2349-5138			
25	Surindar Wawale	2019	Application of Geospatial Techniques for Gravity-Based Drinking Water Supply Management	Archives of Photogrammetry, Cartography and Remote Sensing ISSN : E-2391-9477	31	75-83	IF 0.82
26	Vijay Bhagat	2018	Data and Techniques Used for Analysis of Women Authorship in STEMM: A Review	Feminist Research ISSN :2582-3809	2	77-86	International IF: 8.218
27	Suresh Kumar and Vijay Bhagat	2018	Remote Sensing Satellites for Land Applications: A Review	Remote Sensing of Land ISSN: 2582-3019	2	96-104	International IF: 8.218
28	Vijay Bhagat	2018	Women Authorship of Scholarly Publications in STEMM: Authorship Puzzle	Feminist Research	2	66-76	International IF: 8.218
29	Ravindra Gaikwad and Vijay Bhagat	2018	Multi-criteria Prioritization for Sub-watersheds in Medium River Basin using AHP and Influence Approaches	Hydrospatial Analysis ISSN: 2582-2969	2	61-82	International
30	Rajendra Zolekar and Vijay Bhagat	2018	Multi-Criteria Land Suitability Analysis for Plantation in Upper Mula and Pravara Basin: Remote Sensing and GIS Approach	Journal of Geographical Studies ISSN: 2582-1083	2	Dec-21	International IF: 1.592
31	Ravindra Gaikwad and Vijay Bhagat	2018	Quantitative morphometric analysis of Bhojdari watershed in upper Mula basin	Current Global Reviewer ISSN: 2319-8648	1	120-130	National
32	Khemnar Shivaji B.	2018	Study of Increasing Agriculture Ponds In Pimplegaon Konzira Village of Sangamner Tahsil In Maharashtra	CGR ISSN 2319-8648	1	177-180	
33	Khemnar Shivaji B.	2018	Rural agriculture and hilly areas: a case study Akole tahsil	IJSR ISSN (Online): 2319-7064	I		International IF: 7.296
34	Ravindra Gaikwad and Vijay Bhagat	2017	Multi-Criteria Watershed Prioritization of Kas Basin in Maharashtra India: AHP and Influence Approaches	Hydrospatial Analysis ISSN: 2582-2969	1	41-61	International
35	Vijay Bhagat	2017	Space-borne Active Microwave Remote Sensing of Soil Moisture: A Review	Remote Sensing of Land ISSN: 2582-3019	1	53-86	International

36	Kishor Sonawane and Vijay Bhagat	2017	Improved Change Detection of Forests Using Landsat TM and ETM plus data	Remote Sensing of Land ISSN: 2582-3019	1	18-40	International
37	Khemnar Shivaji B.	2017	The Study Socio –Economic Problems Of Tribal Population in Ahmednadar District (M.S)	IARR ISSN 2454-3303	5	183-186	IF: 1.77
38	Khemnar Shivaji B.	2016	Local health problems of Rajur	R.B.N.B.B College Srirampur			
39	Rajendra Zolekar and Bhagat Vijay	2015	Multi-criteria land suitability analysis for agriculture in hilly zone: Remote sensing and GIS approach	Computers and Electronics in Agriculture ISSN: 0168-1699	118	300-321	International IF: 3.171 (2018)
40	Khemnar Shivaji B	2015	Geographical study of growth in A.nagar district	H.W.M mopha nagpure			
41	Vijay Bhagat	2014	Space-borne Passive Microwave Remote Sensing of Soil Moisture: A Review	Recent Patents on Space TecnologyISSN: 2210- 6871 (Print)ISSN: 1877- 6116 (Online)	4(2)	83-112	International
42	RajendraZolekar and Bhagat Vijay	2014	Use of IRS P6 LISS-IV Data for Land Suitability Analysis for Cashew Plantation in Hilly Zone	Asian Journal of Geoinformatics ISSN: 1513-6728	14 3	23-35	International
43	Bhagat Vijay	2014	Geo-spatial Predictions of Soil Organic Carbon: A Review	Journal of Remote Sensing and GIS ISSN: 2230 – 7990	5(2)	23-39	International
44	Bhagat Vijay	2014	Remote Sensing Application for Sustainable Land Management	Indian Journal of Research in Social Sciences ISSN: 2249- 7315	1(6)	Dec-17	National
45	Bhagat Vijay	2014	Agriculture Water Balance of Micro-watershed using GIS Techniques	Journal of Earth Science Research ISSN: 2330- 1740 Print	2(1)	1-Dec	International
46	Bhagat Vijay	2014	Farmer Terms of Trade And Farmers' Suicides in Maharashtra (India)	Asian Journal of Research in Social Sciences and Humanities 2249-7315 Online, 2250- 665 Print,	4(1)	2015-230	International IF: 0.655

47	Sainath P. Aher, Khemnar Shivaji B. and Shambhaji D. Shinde	2014	Synthetic Aperature in Indian Remote sensing	ISSN 2249-0868 IJAIS	7	41-44	
48	Khemnar Shivaji B.	2014	Spatial Distribution of Soya Bean Crop: A Case Study of Akole Tahasil, M.S, India(2001to2010-11)	IJSR ISSN 2319-7064	3	1503-1505	IF: 3.358
49	Khemnar Shivaji B.	2014	Development of Land Utilizes: Summarize in Akole (Ahmednagar District), M.S, India	IJSR ISSN 2319-7064	3	1506-1509	IF: 3.358
50	Khemnar Shivaji B	2014	Transition Of Tribal Community In Akole Tahsil Of A.Nagar District Maharashtra	Maharashtra Bhugolshastra Sanshodhan Patrika ISSN 0971-6785	21	90-93	
51	Bhagat Vijay	2013	Demographic approach for detection of 'combinations of causes' of low child sex ratio in rural Maharashtra (India)	International Journal of Physical and Social Sciences, ISBN: 2249-589,	3(7)	317-340	International
52	Bhagat Vijay	2013	Use of Remote Sensing Techniques for Robust Detection and Estimations of Soil Organic Carbon: A Review	Recent Patents on Space Technology ISSN: 2210-6871 (Print)ISSN: 1877-6116 (Online)	3(2)	83-112	International
53	Bhagat Vijay and More Ramnath	2013	Use of LANDSAT ETM+ data for detection of Prosopisjuliflora in irrigated zones	Journal of Remote Sensing and GIS ISSN: 2230-7990	4(1)	36-47	International
54	Khemnar Shivaji B	2013	Impact of literacy upon population growth in A. nagar district	V N G I Nagpur			
55	Bhagat Vijay	2012	Causes of low child sex ration in rural Maharashtra (India): A demographic approach	Proceedings of 29th National conference of MBP at Junner ISBN:978-93-81354-40-7	Dec. 2012	251-256	National
56	Bhagat Vijay	2012	Use of remote sensing techniques for robust digital change detection of land: a review	Recent Patents on Space Tecnology ISSN: 2210-	2(2)	123-144	International

				6871 (Print)ISSN: 1877-6116 (Online)			
57	Bhagat Vijay and Sonawane Kishor	2011	Use of Landsat-7 ETM+ data for delineation of water bodies in hilly zones	Journal of Hydroinformatics ISSN: 1464-7141	13(4)	661-671	International (Impact factor : 1.908)
58	SiddiquiDr. A. R.Kumar, Dr.Suresh and Bhagat, Dr. Vijay	2009	Degraded land mapping and change detection as evidenced from remote sensing data A case study of Rawatsaars in arid lands of Western Rajestan	Journal of water and land use management ISSN: 0973-9300	9 (1-2)	127-138	International
59	Bhagat Vijay	2009	Use of LANDSAT ETM+ data for Detection of Potential Area for Afforestation	International Journal of Remote Sensing, ISSN: 0143-1161 Print; 1366-5901 online	30 (10)	2607-2617	International Impact factor: 2.493 (2018)
60	Bhagat Vijay and Praveen Saptarshi	2008	Spatio-temporal analysis of rainfall assurance in drought-prone zone – A case study of the Purandhar tehsil, Pune district (M.S.)	Human Welfare and Ecology', Earth Welfare and Environmental Research Society, Morena, M.P. ISSN: 2249-8125	3 (01)		National
61	Bhagat Vijay	2008	Delineation of groundwater utility status areas using GIS technique	Enirich Environment: Multidisciplinary International Journal, Pune. ISSN: 094-6064	01(03)	30-41	International National
62	Bhagat Vijay and Saptarshi Praveen	2007	Application of linear trend Analysis for Forecasting Vegetable Prices at Pune Market (M.S., India)	Human Welfare and Ecology', Earth Welfare and Environmental Research Society, Morena, M.P., Vol. 1, No. 1, pp. 101-107	01(1)	101-107	National

63	Bhagat Vijay and Saptarshi Praveen	2005	Estimation of Water Surplus after Actual Evapotranspiration and Soil Moisture Recharge from Rainwater – A Case Study of the Purandhar Tahsil, Pune District, (M.S., India)	Maharashtra Bhugolshastra Sanshodhan Patrika, MBP, Pune, ISSN: 0971-6785	XIX (2)	Mar-13	National
64	Saptarshi Praveen and Bhagat Vijay	2005	Employment Potential in Agriculture: A Case Study of the Purandhar Tahsil of the Pune District, Maharashtra	Landscape System and Ecological Studies, Institute of Landscape, Ecology and Ekistics, Calcutta ISSN: 0971-4170	28 (1)	29-37	National
65	Bhagat Vijay	2005	Market Risk Analysis for Agro-products – A case study of Pune market (M.S.)	Uttar Pradesh Geographical Journal of The Brahmavarta Geographical Society of India, Kanpur ISSN: 0975-4903	10	15-19	National
66	Bhagat Vijay and Saptarshi Praveen	2004	GIS Application for Agricultural Regionalisation Based on Water Balance and Agronomy	Maharashtra Bhugolshastra Sanshodhan Patrika, MBP, Pune ISSN: 0971-6785	XVIII (1)	1-Oct	National
67	Bhagat Vijay	2004	Resolution: A soul of Remote Sensing	Maharashtra Bhugolshastra Sanshodhan Patrika, MBP, Pune ISSN: 0971-6785	XVIII (2)		National
68	Bhagat Vijay	2004	Utility Status and Trend of Ground Water in the Purandhar Tahsil, District Pune, Maharashtra	Uttar Pradesh Geographical Journal of The Brahmavarta Geographical Society of India, Kanpur ISSN: 0975-4903	9	Aug-17	National
69	Bhagat Vijay	2003	Sugarcane production in Maharashtra: A Geographical Study	Maharashtra Bhugolshastra Sanshodhan Patrika,	XVII (1)	23-33)	National

				MBP, Pune, ISSN: 0971-6785			
70	Bhagat Vijay and Kadam Anuradha	2001	A Geographical Study of Distribution and Marketing of Onion in Maharashtra	Maharashtra Bhugolshastra Sanshodhan Patrika, MBP, Pune, ISSN: 0971-6785	XV(1)	25-33	National