



SHIVAJI COLLEGE
UNIVERSITY OF DELHI
 Raja Garden, New Delhi-110027, India.
Faculty Details Proforma



Title	DR.	First Name	USHA	Last Name	RANI	Photograph
Designation	ASSISTANT PROFESSOR					
Office Phone No.	011 2519 1458, 011 2544 6484					
Mobile	91-9871152478					
Email	ushar489@gmail.com					
Educational Qualifications	Ph.D					
Degree	University/Institute				Year	
Ph.D.	Department of Geography, Delhi School of Economics, University of Delhi				2020	
M.A. Geography	Choudhary Charan Singh University, Meerut				2012	
B.A.	Choudhary Charan Singh University, Meerut				2010	
PDF	Maharishi Kanad Post-Doctoral Fellowship, Institution of Eminence, University of Delhi				2023	
Fellowship	Rajiv Gandhi National Fellowship (RGNF) , Govt of India				2012	
Areas of Interest/ Specializations						
Environmental Geography, Health Geography, Sustainable Development						
Career Profile Teaching						
<ul style="list-style-type: none"> Assistant Professor, Department of Geography, Shivaji College, Since 8 January 2024 to till date 						
Administrative Assignments						
Memberships						
<ul style="list-style-type: none"> National Association of Geography, India (NAGI) Association for Geographical Studies (AGS) National Geographical Society of India (NGSI) 						
Research Guidance (Supervision of Doctoral Thesis/Dissertations)						

Subjects Taught

- **POPULATION GEOGRAPHY**
- **ECONOMIC GEOGRAPHY**
- **OCEANOGRAPHY**

Refresher Courses and Faculty Development Programmes

- Four Week Faculty Induction/Orientation Programme for “Faculty” from 21 February – 19 March, 2024, under the aegis of, Malaviya Mission Teacher Training Programme (MM-TTP) of UGC, organized by at Teaching Learning Centre Ramanujan College, University of Delhi.
Blockchain Hash: [0xa8cc643fe2682e1e8213fe9848580fb62a5dbacbd886c48d05602a458030cd40](https://www.blockchain.com/tx/0xa8cc643fe2682e1e8213fe9848580fb62a5dbacbd886c48d05602a458030cd40)
- Two Weeks Online Training Programme on “NEP 2020 Orientation & Sensitization Programme”, 01st February – 14th February, 2024, under Malaviya Mission Teacher Training Programme (MM-TTP) of UGC, organised by Mahatma Hansraj Malaviya Mission Teacher Training Centre (MH-MMTTC), Hansraj College, University of Delhi.
- Four Weeks online workshop on Geo-informatics Research Tools and Techniques for Advanced Academic Research, 01 September – 30 September, 2023, Institution of Eminence (Public Health), University of Delhi.
- Ten Days Research Methodology Course for SC/ST Ph. D Students in Social Sciences, organized by Department of Geography, Delhi School of Economics, University of Delhi, 26 December, 2014 - 4 January, 2015.

Innovation/Research Projects (Major Grants/Research Collaboration)**Publications: Research Papers in Peer-Reviewed/Refereed or UGC listed journals**

- Investigating the Levels of Depression and Anxiety Among Rag-pickers Working in Challenging Environmental Conditions from Multiple Districts in Uttar Pradesh, India (2024). *Environ Sci Arch*, Vol. III, Issue 1, pp. 95-102, ISSN: 2583-5092, [https://doi/ 10.5281/zenodo.10817994](https://doi.org/10.5281/zenodo.10817994)
- Spatial-Temporal Analysis of Physio-Climatic Changes in Tawang-Chu River Basin, Eastern Himalaya in India (2023), *International Journal of Ecology and Environmental Sciences*, Vol.49: pp.217-230, 2023 ISSN: 2320-5199, <https://doi.org/10.55863/ijeec.2023.2626>
- Impact of Male Out Migration on Women in Kumaon Himalaya (2023), *International Journal of Ecology and Environmental Sciences*, Vol. 49: 171-185, 2023 ISSN: 2320-5199 <https://doi.org/10.55863/ijeec.2023.2623>
- Analyzing The Kutch Geoheritage Site of Gujarat as Potential Indian National Geopark (2022). *Dogo Rangsang Research Journal*, Issue 05, No. 01 May, ISSN: 2347-7180 Vol.13.
- Systematic Literature Review of Indian Studies on Occupational Health Hazards of Rag Pickers (2022). *The Horizon: A Journal of Social Sciences*, Vol. XIII, No. 1, Jan.
- Risk Assessment of Industrial Hazards, Resilience and Disaster Risk Reduction for Sustainability: A Case Study of Industrial Area in Ghaziabad District, NCR Delhi

(2022). *Disaster & Development*, Vol. 11, Issue 02, July to December 2022.

- Work Force Participation of Women in Mountain Region: A Case Study of Saikot village of Chamoli District, Uttarakhand (2022). *The Horizon: A Journal of Social Sciences*, Vol. XIII, No. 1, January 2022, ISSN-0975-5535.
- Some Aspects on Migration Profile: A Case Study of Kurukshetra, Haryana (2022). *The Horizon: A Journal of Social Sciences*, Vol. XIII, No. 1 January 2022.
- Mapping the Regional Imbalances of Demographic Profile: Caste Study of Awadh and Middle Doab (2021). *The Horizon: A Jr of Social Sciences*, No-1/2021, Vol-XII, January 2021, pp 12-24.
- Climate Change and Indian Agriculture in the Present Scenario (2021). *The Horizon - A Journal of Social Sciences*, Vol. XII, No.1, January, pp. 1-11.
- Geographical Analysis of the First Wave of Covid-19 with Reference to Highland and Lowland Regions of India (2021). *NGJI, An International Peer-Reviewed Journal NGSIBHU*, ISSN: 0027-9374/2021/1776 Vol. 67, No. 3, September 2021. <https://doi.org/10.48008/ngji.1776>
- Research Frontiers in Urban Solid Waste Management (2020). *The Horizon: A Jr of Social Sciences*, Vol. XI, July, ISSN 0975-5535, pp. 1-18.
- Protecting the Vanishing Geo-cultural Heritage of India: Case study of Majuli Island in Assam (2020). *International Journal of Geoheritage and Parks*, Vol. 8, Issue 1, March 2020, pp. 18-30, <https://doi.org/10.1016/j.ijgeop.2020.03.003>
- Studying the Municipal Solid Waste Management System in Meerut City, Uttar Pradesh (2020). *Journal of Global Resources*, Vol. 6, No.01, ISSN: 2395-3160 (print), pp 58-63.
- Understanding Drinking Water Quality Problems in Shahadra Region of Delhi (2020). *Jr of Interdisciplinary Cycle Research*, Vol. XII, Issue VII, July, ISSN:0022-1945, pp.1311-1323.
- Role of Swachh Bharat Mission in Municipal Solid Waste Management in Patna, Bihar (2018). *Advance in Environmental Waste Management & Recycling*, Vol.1, Issue 1, pp. 1-5.
- Sustainable Water Management (2018). *World Focus- Water Resource Management, River Water Disputes and Regional Co-operation*. October (466), ISSN: 2230-8458.
- Climate Change and Agriculture Scenario in Bageshwar of Uttarakhand, India (2017). *The Horizon: A Journal of Social Sciences*, Vol. VIII, No.2, July, pp.1-187.
- Disaster Management and Technology (2016). *World Focus- Disaster Management and Mitigation*, Vol XXXVII, No. 5, 121. May, 2016, pp. 117, ISSN 2230-3458.

Books and Chapters in Edited Books

- Prospects of Tourism Sector in Assam to Achieve Sustainable Development Goals; In S. Anand et al. (eds.) *A Sustainable Development Goals in Northeast India, Advances in Geographical and Environmental Science* (2023). *Springer Nature*, ISBN: 978-981-19-6478-7, <https://doi.org/10.1007/978-981-19-6478-7>
- Migration and Reverse Migration Amid the Covid-19 Situation in India: Challenges and Issues; In S. Anand et al. (eds.) *A Geographical Exploration of Urban Risk and COVID-19: An Innovative and Systematic Approach* (2023), *Cambridge Scholars Publishing*, ISBN: 1-5275-2940-1, <https://www.cambridgescholars.com/product/978-1-5275-2940-3>

- Spatio-Temporal Changes in Pichavaram and Sundarbans Mangrove Forest: A Geographical Analysis; In V.P. Sati and K.C. Lalmalsawmzauva (eds) *Natural Resources Management for Sustainable Development and Rural Livelihoods (2017)*, Today & Tomorrow's Printers and Publisher, New Delhi, Vol. 1, pp. 307-322, ISBN: 81-7019-584-1. <https://www.ttp.in/book-info/natural-resources-management-for-sustainable-development-and-rural-livelihoods-vol-1-3-set>

Seminars / Conferences / Workshops

- Presented paper, "*Migration and Reverse Migration Amid Covid-19 in India: Challenges and Issues*" in the National Conference (Online) on 'Climate Change and Pathways to Self-Reliant India: Opportunities and Challenges for Sustainable Development, organized by Department of Geography, Jamia Millia Islamia, New Delhi, March 15-16, 2021.
- Presented Paper, "*Generation and Segregation of Municipal Solid Waste in Meerut City*" in IGU India International Conference (Virtual), 2020 on Global to Local Sustainability and Future Earth, organized by Department of Geography, MLSU, Udaipur, Rajasthan, December 18-20,2020.
- Presented Paper, "*Management of Municipal Solid Waste in Meerut City*" in Two-Day International Webinar organized by IQAC & Department of Geography, November 26-27, 2020.
- Presented paper, "*Sustainable Adaption Techniques for Livelihood Security Through Organic Farming in Assam*" in the National Conference at Department of Geography, Delhi School of Economics, organized by Department of Geography, Shaheed Bhagat Singh College, Univ. of Delhi, April 13-14, 2019.
- Presented Paper, "*Environmental Problems and their Policies in Meerut City, Uttar Pradesh*" in National Seminar on Spatial Dimensions of Environmental Problems and Natural Resource Law, organized by ICSSR-IMPRESS, Shaheed Bhagat Singh College, Univ. of Delhi, September 3-4,2019.
- Presented Paper, "*Impact of Tourism and Urbanization on Mountain ecology: A Case Study of Manali*" in National Seminar on Urban Environment in 21st Century: Issues and Challenges, organized by Department of Geography, Faculty of Natural Sciences, Jamia Millia Islamia, New Delhi-25, UGC-DRS- I programme, March 27-28, 2018.
- Presented Paper, "*In Search of Sustainability in Livelihood through Agriculture: A Case Study of Upper Pasolgad Watershed of Pauri Garhwal, Uttarakhand*" in National Conference on Environment Resources and Development of the Indian Himalaya at Srinagar, Uttarakhand, organized by Department of Geography, HNB Garhwal University, Srinagar Garhwal, Uttarakhand, October 27, 2018.
- Presented Paper, "*Environmental and Urbanization Problems in Meerut City*" in National Seminar on Urbanization and Environmental Change in India: Problems and Challenges, organized by Department of Geography, Meerut College, Meerut, March 29-30, 2014.
- National Workshop on *Solid Waste Management*, organized by Delhi Research Implementation and Innovation, July 30-31, 2021(online).
- International Conference on "*Geospatial Technology for Sustainable Development*", organized by Department of Studies in Geography, Manasagangothri. Mysore and

International Geographical Union, February 5-6,2021.

- National Level Online Orientation Programme on “*How to Approach Research in Social Sciences Conceptualization and Methodological Intervention*”, organized by Savitri Bai Phule Mahila P. G. Mahavidyalaya, Sikar (Rajasthan) in association with knowledge partners Pt. Deendayal Upadhyaya Shekhawati University, Sikar, Department of Geography, Government Arts College, Sikar and Department of Geography, Government Lohia College, Churu, July- December, 2020.
- 2-Days International Workshop on “*COVID-19 Mass Disaster & Possible Management: Challenges for Immediate Future*”, organized by India International Intellectual Society (IIS), Central University, Pondicherry and Deenbandhu Chhotu Ram University (DCRUST), Murthal, Sonipat, Haryana, May 5-6 2020.
- Online Course on '*Source Segregation - How to Do It*', organized by the School of Circular Economy, Centre for Science and Environment, July 27-28, 2020.
- Webinar on "*Reverse Migration Amidst Covid 19: Issues and Challenges*” organized by D.A.P.S.A., New Delhi, June 7, 2020.
- Training workshop on *IGU YECG- Google Earth Engine (GEE)*, in Department of Geography, Delhi School of Economics, University of Delhi, February 14-15, 2019.
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Resource Person / Invited Lectures

Other Academic Outreach Activities

Awards and Distinctions

Cultural/Extracurricular Activities

Signature of Faculty Member