




Faculty Details Proforma



Title	Mr.	First Name	Pritiranjana	Last Name	Das	Photograph
Designation	Assistant Professor					
Address	Department of Geography, Shaheed Bhagat Singh Evening College, Sheikh Sarai, Phase-II, Delhi-110017					
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Residence	B-3, 404, D. N. Khatana Apartment, Main Market Road, Sultanpur, Delhi- 110030					
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Web-Page	https://du.irins.org/profile/268289					
Educational Qualifications						
	Degree	Institution			Year	
	Ph.D. (Pursuing)	Department of Geography, Delhi School of Economics, University of Delhi			Ongoing	
	M.Phil.	Department of Geography, Vidyasagar University			2021	
	PG	Department of Geography, Vidyasagar University			2019	
Research Website						
Google scholar ID	https://scholar.google.com/citations?user=2K0d8tMAAAAJ&hl=en					
Scopus ID	https://www.scopus.com/authid/detail.uri?authorId=57224739580					
Web of Science ID	https://www.webofscience.com/wos/author/record/2407835					
Orcid ID	https://orcid.org/0000-0002-2956-2117					
Administrative Assignments						
Member of Discipline Committee from September 2023 to till date Member of Internal Quality Assurance Cell (IQAC) September 2024 to till date						
Areas of Interest / Specialization						
Monsoon Variability/Extreme Events and Disaster Management, Urban Growth dynamic, Land Use Land Cover Change						
Subjects Taught in 2023-till date						
Digital Cartography (I Semester), Statistical Methods in Geography (II Semester), Population Geography (II Semester), Urban Geography (III Semester), Climatology (III Semester), Fundamental of Remote Sensing (III Semester), Fundamental of GIS (IV Semester), Oceanography (IV Semester) Remote Sensing and GIS (V Semester), Regional Planning and Development (V Semester)						

Publications Profile

1. "Spatiotemporal dynamics of rice cultivation in India." *Tropical Ecology* (2025): 1-16. <https://doi.org/10.1007/s42965-025-00368-x>
2. "Application of geo-spatial and geo-statistical techniques in site suitability analysis for potential urban built-up area development." *Environment, Development and Sustainability* (2025): 1-29. <https://doi.org/10.1007/s10668-024-05928-0>
3. "Impact of Changes in Rainfall and Temperature on Production of Darjeeling Tea in India." *Atmosphere* 16, no. 1 (2024): 1. <https://doi.org/10.3390/atmos16010001>
4. "Climatic impacts on spring disappearance in the Indian Himalayas." *Geomatics, Natural Hazards and Risk* 15, no. 1 (2024): 2433115. <https://doi.org/10.1080/19475705.2024.2433115>
5. "Impact of urban growth in Delhi and It's Peri-urban environment on urban heat exposure." *Urban Climate* 56 (2024): 102010. <https://doi.org/10.1016/j.uclim.2024.102010>
6. "A bibliometric analysis for Indian summer monsoon variability." *Spatial Information Research* (2024): 1-17. <https://doi.org/10.1007/s41324-024-00587-9>
7. "Analysis of Tea Plantation Suitability Using Geostatistical and Machine Learning Techniques: A Case of Darjeeling Himalaya, India." *Sustainability* 15, no. 13 (2023): 10101. <https://doi.org/10.3390/su151310101>
8. "Comparative analysis of groundwater potentiality zone using fuzzy AHP, frequency ratio and Bayesian weights of evidence methods." *Applied Water Science* 12, no. 4 (2022): 63. <https://doi.org/10.1007/s13201-022-01591-w>
9. "Understanding future urban growth, urban resilience and sustainable development of small cities using prediction-adaptation-resilience (PAR) approach." *Sustainable Cities and Society* 74 (2021): 103196. <https://doi.org/10.1016/j.scs.2021.103196>
10. "Plastic waste footprint in the context of COVID-19: reduction challenges and policy recommendations towards sustainable development goals." *Science of the Total Environment* 796 (2021): 148951. <https://doi.org/10.1016/j.scitotenv.2021.148951>

Book Chapters

1. "Modelling Urban Growth, Demand–Supply Dynamics, and Climate Resilience: A Study of a Class-I City in Eastern India." *Cities of Tomorrow: Urban Resilience and*

Climate Change Preparedness. Springer, Singapore (2024): 107-130.

https://doi.org/10.1007/978-981-97-9658-8_6

2. "GIS-based groundwater recharge potentiality analysis using frequency ratio and weights of evidence models." In *Case Studies in Geospatial Applications to Groundwater Resources*, pp. 91-108. Elsevier, 2023. <https://doi.org/10.1016/B978-0-323-99963-2.00016-X>

Conference Presentations/Workshop

Paper Title: Long Term Rainfall Trend & Pattern Analysis of India Summer Monsoon in Hilly Region

National Seminar on DRR in the Himalaya: Recent Advancements, CSRD, JNU, Delhi

Date: 20-21 September, 2024

Paper Title: Monsoon Variability Studies in India: A Review and Bibliometric Analysis

IGU Thematic Conference at Central University of Haryana, Mahendergarh, India.

Das, P., Sahu, N., Ratna, S.B., Paper ID: IGU/CUH/3D/411. Date: 24 - 25 November, 2022

Early Warning of Wildfire and Landslide using Geo-Information and Machine Learning,

International Workshop at Indian Institute of Technology Kharagpur (IITKGP), India, Trainer

was Distinguish Professor Biswajeet Pradhan, International Collaboration with University of Technology, Sydney and IITKGP Date: 13 – 24 March 2023.

Python Library for GIS & Mapping (Certificate ID: 723IAW-CE000043), 3 months certificate

course in PYTHON organised by the Geoinformatics Division of *International Institute of Geospatial Science & Technology (IIGST)*, on & from 10 August to 20 November 2021.

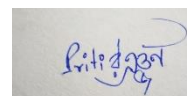
Lecture as resource person

Delivered a lecture as resource person in a National level seminar on “**Rethinking the role of geographers**” organised by department of geography under the guidance of IQAC Narajole Raj College, Narajole, Paschim Medinipur (W.B.) on 28/05/2025.

Published Article Journal metrics

Journal Name	Publisher	Impact Factor (2024)	Indexed	Year of publication
Science of the Total Environment	Elsevier	8.0	Q1, Scopus, Web of Science	2021
Sustainable Cities and Society	Elsevier	12.0	Q1, Scopus, Web of Science	2021
Applied Water Science	Springer	5.7	Q1, Scopus, Web of Science	2022
Sustainability	MDPI	3.3	Q1, Scopus, Web of Science	2023

Urban Climate	Elsevier	6.9	Q1, Scopus, Web of Science	2024
Spatial Information Research	Springer	2.0	Q2, Scopus, Web of Science	2024
Atmosphere	MDPI	2.3	Q2, Scopus, Web of Science	2024
Geomatics, Natural Hazards and Risk	Taylor & Francis	4.6	Q1, Scopus, Web of Science	2024
Environment Development and Sustainability	Springer	4.2	Q1, Scopus, Web of Science	2025
Tropical Ecology	Springer	1.7	Q2, Scopus, Web of Science	2025
Peer Reviewer				
Sustainable Cities and Society , Elsevier, ISSN: 2210-6707 Journal of Urban Management , Elsevier, ISSN: 2226-5856 Land Use Policy , Elsevier, ISSN: 0264-8377 Sustainable Futures , Elsevier, ISSN: 2666-1888 Applied Water Science , Springer, ISSN: 2190-5495 Urban Climate , Elsevier, ISSN: 2212-0955 Scientific Reports , Nature, 2045-2322				



Date: 23/07/2025

Signature of Faculty Member