

CURRICULUM VITAE



Dr. BHASKAR DAS

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Present Position

- **ASSISTANT PROFESSOR, Department of Geography, Visva-Bharati (A Central University and an University of National Importance, Govt. of India), since December 2025.**
- In-charge, Central Transport Cell, Visva-Bharati since January, 2026
- Associate Coordinator, ISRO-IIRS Nodal Centre, Visva-Bharati since 2024

Previous Professional Experience

- **Cartographer**, Department of Geography, Visva-Bharati (A Central University and an University of National Importance, Govt. of India) , September 2014 – November 2025.
- Senior Research Fellow, Remote Sensing and Geoinformatics Cell, Department of Science and Technology under West Bengal State Council of Science and Technology, Kolkata.
- Post-Graduate Teacher, Panskura Banamali College, East Medinipur, West Bengal.
- Part time faculty of Directorate of Distance Education under Vidyasagar University, Panskura Banamali College Centre, Panskura, East Medinipur, West Bengal.
- Part time faculty of Directorate of Distance Education under Vidyasagar University, Haldia Govt. College Centre, Haldia, East Medinipur, West Bengal.

Research Interests

- Hydro-geomorphology, Applied Geography, Remote Sensing & GIS
- Surface and sub-surface water prospect and management
- Application of geospatial technology in geo-environmental studies
- Mountain ecosystem studies
- Urban water management and water quality assessment

Educational Qualifications

- Ph.D. in Geography, Visva-Bharati, 2015. Thesis title: “Surface Water Resource Potentials and their Management Strategy in Puruliya District, West Bengal”.
- Pre-Ph.D. Course Work, Visva-Bharati.
- M.Phil. in Geography with First Class, The G.O.University, India.
- M.A. in Geography with First Class, Visva-Bharati .
- B.Sc. (Honours) in Geography with First Class, Krishnath College under University of Kalyani.
- Post-Graduate Diploma in Environment & Sustainable Development, Indira Gandhi National Open University.

Academic Achievements & Scholarships

- Qualified UGC-National Eligibility Test(NET), 2007.
- Qualified State Eligibility Test (SET), West Bengal College Service Commission, 2007.
- Qualified for Government of West Bengal State Research Fellowship, 2007.

Academic and Professional Training

- ISRO Sponsored NNRMS Faculty Development Programme in Remote Sensing and GIS, Indian Institute of Remote Sensing (IIRS), Dehradun.
- Training Programme on GIS and Thematic Cartography, National Atlas & Thematic Mapping Organisation (NATMO), Government of India.
- Training on RS, GIS and GNSS using Open Source Software, Geographical Society of India & University of Calcutta, Kolkata
- GIS Training Programme on ArcGIS Software from ESRI India, New Delhi.
- GIS Training Programme on PCI Geomatica Software, Kolkata.
- Training Course on VB.NET from WEBEL India Ltd., Kolkata.
- Training Programme on Bhuvan Overview from National Remote Sensing Centre, Hyderabad, India
- Graduate Diploma in Computer Application, The Institute of Computers Engineers-DOEACC India, Kolkata

Selected Publications

- Generation of Three Dimensional Maps Using Close Range Photogrammetry (CRP) and Terrestrial Laser Scanner (TLS) Technique: A Remote Sensing and GIS Based Model for The Heritage Sites, International Journal of Advanced Research in Engineering and Technology, vol.16, pp.134,2025, https://doi.org/10.34218/IJARET_16_03_008
- Surface water resource potentials and their management strategy at Arsha Block in Puruliya District, West Bengal, Eastern Geographer, vol-XIX,pp. 137,2013.
- Climate change scenario of West Bengal, India: a geo-environmental assessment, Journal of Indian Cartographer, vol-36 , pp.425,2016
- A Study on the ruins of Buddhist Monasteries in West Bengal in the context of Buddhist Tourism Development, Indian Journal of Geography & Environment , 19 , 55, , 2022, <http://inet.vidyasagar.ac.in:8080/jspui/handle/123456789/6798>
- Geostatistical methodology for delineating of changing dynamic of river bankline and channel migration using geospatial technique - a case study of river Ganga channel migration in Malda district, West Bengal, Juni Khyat Journal, vol.12 , pp.113,2022
- Role of ASWRS and its adaptability on Watershed Management in Rarh Region of West Bengal- A GIS Based Hydro-geomorphological assessment, International Journal for Research in Engineering Application & Management, 4 , 116, , 2018 , DOI : 10.18231/2454-9150.2018.0596

- A Geo-spatial prelude of water prospect and their sustainable utilisation in drought prone region of West Bengal: A case study of Raghunathpur-I Block, International Journal of Research and Analytical Reviews, vol5 ,pp. 297,2018
- Integration of Indigenous Knowledge System With Geographical Analysis, Cartographical Mapping in the Essence of Modern Geospatial Technology in India ,International Journal of Research and Analytical Reviews, vol.12,pp. 802, 2025, <http://doi.org/10.56975/ijrar.v12i2.315668>
- Geographical assessment of water resource pattern with emphasis upon surface water balance and flow equation in Purulia District, West Bengal,Journal of Emerging Technologies and Innovative Research, vol.9 , pp.304, 2022, , <http://doi.org/10.1729/Journal.31254>
- Integrated Land and Watershed Development of Dhobai Watershed in Dumka District, Jharkhand-a GIS-Geonomic analysis, International Journal of Engineering Research and Applications, vol.3 , pp.1104, 2013
- Monitoring of Bank line Erosion of River Ganga, Malda District, West Bengal: Using RS and GIS Compiled with Statistical Techniques -published in International Journal of Geomatics and Geosciences Vol.3, No.1, 2012
- Analysis of Drainage Morphometry and Watershed Prioritization in Bandu Watershed, Purulia, West Bengal: Through Remote Sensing and GIS Technology - A Case Study-published in International Journal Of Geomatics And Geosciences Vol.2, No 4, 2012
- Geo-spatial technology: a step towards modern geography teaching, Published in “Teaching of Modern Geography: Emerging Issues”, Dept. of Geography, Visva-Bharati University, 2016
- Geo-informatics in river morphology of North Bengal: a case study of Ganga and Tista rivers- Abstract published in 20th West Bengal State Science and Technology Congress at IEST, India (March,2013).
- An Integral Approach on River Ganga Bank Management System in Between Rajmahal and Farakka-Abstract published in National Seminar on Emerging Issues in Geography (March, 2011) by Dept of Geography, Visva-Bharati University, India

Seminars / Conferences / Workshops Organized

- Organizing Member, International Seminar on Cartography and Climate Change, 2016.
- Organizing Member & Technical Session Chairman, International Conference on Cultural Tourism in Santiniketan and Birbhum, 2018.
- Organizing Member, National Seminar on Heritage Tourism in Santiniketan, 2017.
- Organizing Member, International Workshop on Climate Studies and Emerging Issues, 2015.
- Organizing member, Advanced Geospatial Technologies: Machine Learning, Unmanned Aerial Vehicles, and Contemporary GIS Practices, 2026
- Organizing Member, National Seminar on ANRF-sponsored National Seminar on “Inclusive Development and Well-being: Lessons from Indian Knowledge System (IKS-Bhārtīya-Jñāna Paramparā) for Viksit Bhārat @ 2047 Department of Geography, Visva-Bharati, 2026.
- Organizing Member, National Conference on Indian Knowledge Systems: Perspectives and Praxis, Central Library, Visva-Bharati, 2026.

Memberships and Professional Affiliations

- Liaison Officer of University Land Information System, Visva-Bharati and Ministry of Education, Govt. of India
- Life Member, Indian Society of Remote Sensing (ISRS).
- Life Member, Indian National Cartographic Association (INCA).
- Life Member, National Geographical Journal of India, Banaras Hindu University.
- Member, UNESCO World Heritage Cell, Visva-Bharati.
- Member Secretary, Vehicle Advisory Committee (VAC), Central Transport Cell, Visva-Bharati
- Member-Security Inspection Team (2021-2024), Visva-Bharati.
- Member- Preparation of Annual Report (2016-2024), Visva-Bharati
- Member, Admission Coordination Cell (2022-2024), Visva-Bharati
- Member, University NAAC Team (2017, 2023), Visva-Bharati

Participation in Conference and Workshop

- **Participated and presented more than 10 nos of research papers in national and international seminars and conferences.**
- Conduct an workshop session by giving hands on training Geospatial Workshop organized by the Dept. of Geography, Visva-Bharati, 2025
- Poster Presentation at Saha Institute of Nuclear Physics, Kolkata, 2013.
- Participated in ISRO-Bhuvan Workshop Series, Kolkata, 2012.
- Poster Presentation at 20th West Bengal State Science and Technology Congress, IEST, 2013.

Dissertation Supervision

Post Graduate Dissertation supervision- 04