

Report on the One-Day Workshop on “Methods and Techniques in Geographic Research”

Date: 29th May, 2025

Venue : Department of Geography, Bhattadev University

Duration: 10 a.m. to 5 p.m.

A One-Day Workshop titled “Methods and Techniques in Geographic Research” was organized by the Department of Geography, Bhattadev University, on 29th May 2025. The event was held at the Department of Geography, and it aimed to equip participants with essential research techniques and methods applicable in geographical studies.



The workshop was inaugurated by **Professor Manjit Das**, Registrar, Bhattadev University, who highlighted the significance of methodological rigor in geographic research. The inaugural session began with a Welcome Address delivered by **Dr. Jyotishmoy Bora**, Head and Associate Professor, Dept. of Geography, who extended a warm welcome to all participants and resource persons. Following this, **Dr. Dipak Baruah**, Associate Professor, Dept. of Geography provided a brief review of the workshop, outlining the various technical sessions and the themes to be covered.

The workshop featured renowned resource persons from Gauhati University namely **Professor Dhrubajyoti Saharia**, Head, Dept. of Geography and **Dr. Nityananda Deka**, Associate Professor of the same Department and **Dr. Pankaj Roy** from the Dept. of Geography, School of Earth Sciences, Central University of Karnataka. Five technical sessions were conducted, each focusing on a specific theme relevant to contemporary geographic research:

Session-I : “Application of Central Tendency, Dispersion, Regression and Correlation in Geographical Studies”

○ Resource Person: Dr. Bikul Barman

This session explored the statistical tools essential for data analysis and interpretation in geography.



Session-II : “Roots and Realities: A Micro-level Inquiry into Rural Ecology and Village Life of Brahmaputra Valley of Assam”

○ Resource Person: Dr. Nitayananda Deka

The session provided an in-depth understanding of the socio-ecological aspects of rural communities in Assam.



Session–III : “Biodiversity Degradation and Conservation Issues in North East India

- **Resource Person: Professor Dhrubajyoti Saharia**

Participants learned about the challenges to biodiversity and the need for conservation strategies in the North East region.



Session-IV : “Searching of Research Gap in Geospatial Platform: An Understanding”

- **Resource Person: Dr. Pankaj Roy**

The focus was on identifying research gaps and leveraging geospatial tools to address them.



Session-V : “Parametric Hypothesis Testing Methods: t and F Test”

- **Resource Person: Dr. Dipak Baruah**

This session covered the application of parametric testing methods in geographic data analysis.



The workshop concluded with a **Vote of Thanks** by **Dr. Bharati Gogoi**, who expressed gratitude to all the speakers, participants, and the organizing committee for their enthusiastic participation and valuable contributions.

The workshop successfully provided a platform for academic exchange, fostering discussions on innovative methods and techniques in geographic research. It was a significant step towards enhancing the research capabilities of participants and advancing geographic knowledge in the region.
