



Five-Day Research Methodology Workshop on Quantitative and Qualitative Data Analysis

July 1-5, 2025

Organised By

Department of HSS, National Institute of Technology Silchar, Assam



AN OVERVIEW OF THE WORKSHOP

In the contemporary research landscape, the integration of robust research methodology is essential for producing rigorous, impactful, and policy-relevant outcomes. Recognizing the growing need for methodological competence among scholars and practitioners, the **Research Methodology Workshop on Quantitative and Qualitative Data Analysis** aims to equip participants with theoretical understanding and practical skills in data collection, analysis, and interpretation. This workshop serves as a platform for interdisciplinary engagement, fostering critical thinking and technical know-how required for evidence-based research.

ABOUT NIT SILCHAR

National Institute of Technology Silchar, is one of the 31 National Institutes of Technology of India and was established in 1967 as a Regional Engineering College in Assam. In 2002 it was upgraded to the status of National Institute of Technology and was declared as Institute of National Importance under the National Institutes of Technology Act, 2007.



ABOUT HSS DEPARTMENT

Department of Humanities and Social Sciences at NIT Silchar offers a rich intellectual environment for exploring many dimensions of human experience. Since its inception in 1967, the department has been devoted to academic inquiry, committed to understanding the intricacies of human thought, culture, economy, and society. Immersed in the cultural richness of Northeast India, the department integrates the domains of humanities and social sciences to create intense, contemplative inquiry into the world.



CALL FOR PARTICIPATION

Interested Students, Research Scholars, Faculty Members and Industry Executives may send their applications through online using the following link: <https://docs.google.com/forms/d/e/1FAIpQLScUVUF6D7hep6SnN-0eIePz63H6cZZwpDXRn-3NIPwg9ZXJPQ/viewform?usp=header> on or before 25th June 2025. Selected candidates will be intimated by 26th June.

REGISTRATION

Registration Fee: INR 3000/- for Students and Research Scholars; INR 4000/- for Faculty Members and Industry Executives. Registration Fee includes Course fee for participation in all sessions, kits, all meals and snacks. Participants can pay the registration fee by scanning the QR code below or via SBI Collect.



Resource Person

- ❖ Prof. Sugata. Sen Roy, Department of Statistics, University of Calcutta, West Bengal
- ❖ Dr. Soumyadip Chattopadhyay, Associate Professor, Department of Economics, Visva Bharati University, West Bengal
- ❖ Dr. Hari Kanta Choudhury, Associate Professor, Department of HSS, Indian Institute of Information Technology, Guwahati, Assam
- ❖ Dr. Samrat Roy, Assistant Professor, Department of Economics, St. Xavier's College, Kolkata, University of Calcutta
- ❖ Dr. Madhabendra Sinha, Assistant Professor, Department of Economics, Visva-Bharati University, Santiniketan, West Bengal
- ❖ Dr. Saroj Kumar Biswas, Associate Professor, Department of Computer Science & Engineering, NIT Silchar, Assam
- ❖ Dr. Avishek Ray, Associate Professor, Department of HSS, NIT Silchar, Assam
- ❖ Dr. Dinamani Biswal, Assistant Professor, Department of HSS, NIT Silchar, Assam
- ❖ Dr. Ujjal Protim Dutta, Assistant Professor, Department of HSS, NIT Silchar, Assam

LECTURE TOPICS

- Qualitative Methods
- Fundamental Statistics
- Basic Econometrics
- Dummy Variable Modelling
- Time Series Econometrics
- Panel Data Econometrics
- NSSO and IHDS Data Extraction and Merging
- Application of Machine Learning Model in Finance and Social Science Research
- Text Analysis with R
- Application of STATA and EViews software for Social Science Research

ORGANISING COMMITTEE

Chief Patron

Prof. Dilip Kumar Baidya, Director, NIT Silchar

Chief Advisors

Prof. Asim Roy, Registrar (i/c), NIT Silchar
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Dr. Reena Sanasam, Head, Department of HSS, NIT Silchar

Convenor

Prof. N. B. Singh, Department of HSS, NIT Silchar

Coordinators

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Dr. Ujjal Protim Dutta, Assistant Prof. HSS, NIT Silchar

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