



National Institute of Technology Durgapur

(An Institute of National Importance under the Ministry of Education, Government of India)



Department of Management Studies

Organizes

Workshop on Research Methodology

19th December 2025

About the Workshop:

This workshop is meant for research scholars and students who are interested in learning the commonly used tools and techniques in data science and AI for exploring patterns in the data and drawing insight from it.

Why Attend:

The workshop will enable the participants to acquire skills of formulating valid research questions and answering it using data arising out of real-life applications in social sciences and management science.

Topics to be Covered:

- Data Types, Data Visualization & Correlation
- Concept of Probability, Sampling & Sampling Distributions
- Statistical Inference: Estimation & Testing of Hypotheses
- Classical Machine Learning Techniques for Predictive Analytics: Linear & Logistic Regression, Classification Trees

Resource Persons:

Prof. Tathagata Bandyopadhyay
Former Professor of
IIM Ahmedabad

Prof. Gautam Bandyopadhyay
Former Professor of Department of
Management Studies
NIT Durgapur, West Bengal, India

Prof. Surupa Chakraborty Roy
Professor of Statistics
St Xavier's College, Kolkata, India

Dr. Amlan Ghosh
(Convenor)
HoD, DoMS
NIT Durgapur, India

Workshop Fees:

- Fees Rs. 1000/-
- *Fees include Tea, Lunch, and High Tea.

Account No: 37850318679
IFSC: SBIN0002108
Branch: SBI, NIT Durgapur Campus

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<https://forms.gle/jFm2jkiPefT9PGf98>

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