



Five-Day Workshop on Modern Developments in Statistics and Machine Learning

Organized by
Indian Institute of Technology (Indian School of Mines) Dhanbad
Department of Mathematics & Computing

During October 5th – 9th, 2026



Funded by:

Anusandhan National Research Foundation

अनुसंधान नेशनल रिसर्च फाउंडेशन



Organizing Team

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Who can apply:

Research Scholars, UG and PG students,
Industrial personnel, Faculty members,
Scientists.

Registration fee

Participants	Fee
UG/PG students & Research Scholar	INR 1500/- (with food & accommodation)
UG/PG students & Research Scholar	INR 1000/- (without food & accommodation)
Faculty members/Scienti sts & Industrial personnels	INR 3000/- (without food & accommodation)

The registration fee includes charges for registration kit, food and accommodation (on basis of registration amount) and participation certificate. No TA/DA will be provided for attending the workshop.

Boarding & lodging will be provided by the organizers on payment of appropriate registration amount. Accommodation will be provided in the student hostel of the institute. For faculties and research/industry personnel, accommodation in the institute guest house may be provided on payment basis subject to availability.

About The Organization:

The Indian Institute of Technology (Indian School of Mines), Dhanbad, is a distinguished institution of national and international repute, renowned for its rich academic heritage, excellence in teaching and research, innovation, and significant contributions to science, technology, and nation-building. Established in 1926 on the lines of the Royal School of Mines, London, the Institute has evolved into a premier centre of higher education and research, offering a diverse range of academic programmes, including B.Tech, M.Tech, M.Sc, M.Sc. Tech, MBA, and Ph.D. programmes across various disciplines. With its strong emphasis on interdisciplinary education, cutting-edge research, and technological advancement, the Institute continues to nurture talented professionals, researchers, and future leaders. As IIT (ISM) Dhanbad proudly celebrates its 100th year in 2026, the centenary marks a remarkable milestone in its enduring journey of academic excellence, innovation, and service to the nation and society.

About the Department of Mathematics and Computing:

The Department of Mathematics and Computing at IIT(ISM) Dhanbad is one of the key departments that emerged as part of the institute's broader academic growth. Presently, the department is home to 34 faculty members, engaged in a wide array of research fields including Applied Mathematics, Pure Mathematics, Statistics, and Computer & Data Science. The department offers the programs such as B.Tech (Mathematics & Computing), Integrated M.Tech (Mathematics & Computing), M.Sc (Mathematics & Computing) and M.Tech (Data Analytics). In addition, the department also offers a Ph.D. program in Mathematics and Statistics. Currently, over 100 Ph.D. students are engaged in research at the department.

How to apply

The participants may register online using the following Google form:

<https://forms.gle/XQfRrPcWqT4MiPpEA>

The registration fee may be transferred online to the following bank account. Please attach the payment receipt along with the Google form for registration.

Account Number : 110261358281

Bank Name: Canara Bank

Branch: Saraidhela, Dhanbad

IFSC Code : CNRB0000986

MICR Code: 826015003

GSTIN : 20AAAAI0686D1ZA

PAN : AAAAI0686D

LEGAL NAME : INDIAN INSTITUTE OF TECHNOLOGY
(INDIAN SCHOOL OF MINES) DHANBAD.

Payment by UPI: Scan QR Code:



UPI ID: 333670637358281@cnrb

About the workshop:

The workshop aims to explore the rapidly evolving interface between statistical theory and modern machine learning. With the increasing availability of large-scale and complex data across diverse domains, there is a growing need for robust, interpretable, and theoretically grounded learning methodologies. The workshop offers a platform for participants to immerse themselves into a dynamic learning experience featuring hands-on sessions in R/Python, engaging interactive lectures, insightful real-world case studies, and a certificate of participation to recognize their achievement.

Key Themes:

- ❖ Statistical learning theory and predictive modelling
- ❖ Bayesian inference and computational statistics
- ❖ Deep learning from a statistical perspective
- ❖ Image processing and computer vision
- ❖ Text analytics and language processing

List of Speakers:

- Prof. Balasubramanian Raman (IIT Roorkee)
- Prof. G.N. Singh (IIT (ISM) Dhanbad)
- Prof. Sanjeev Kumar (IIT Roorkee)
- Prof. Shiv Kumar Gupta (IIT Roorkee)
- Prof. M. Tanveer (IIT Indore)
- Prof. Shubham Gupta (MNNIT Allahabad)
- Prof. Aparajita Khan (IIT BHU)
- Prof. Tripti Midha (IIT BHU)
- Prof. Girish Varma (IIIT Hyderabad)
- Prof. Ayan Das (IIT (ISM) Dhanbad)

How to reach IIT (ISM) Dhanbad

By Train: Nearest railway station – Dhanbad Junction (Around 2.5 KM). By Air: Nearest Airport - Kazi Nazrul Islam Airport, Durgapur (95 KM) / Netaji Subhash Chandra Bose International Airport, Kolkata (270 KM).

Student Co-ordinators (For assistance)

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