DST-SERB Sponsored National Workshop
On
Probability and Statistics with Applications
(Duration: 28th Nov-2nd Dec 2024)

SERB-Scientific Social Responsibility Policy

Organized by
Department of Mathematics
National Institute of Technology
Rourkela
Odisha, India, 769008
Website: https://nitrkl.ac.in
0661-246-2707

Patron: Prof. K. Umamaheswar Rao (Director)
Chairman: Prof. J. Mohapatra (HOD)
Convener: Prof. M. R. Tripathy
Co-Convener: Prof. S. Kayal

About the Department
The Department of Mathematics, one of the oldest departments of NIT Rourkela (formerly known as REC Rourkela) is known for its quality. It offers Integrated M.Sc. (5 years), M.Sc. (2 years), and Ph.D. programs in Mathematics.

About the Institute
The institute was established as REC Rourkela in August 1961 under the Ministry of Odisha. It was granted autonomy and functional independence by the Ministry of Human Resource Development in 2002, thus becoming the National Institute of Technology. The institute has 21 departments and the campus is situated in the lush green environment.

Important Dates
Last date of registration: 22nd November 2024
Confirmation of participation: 23rd November 2024

Organizing Secretary
Dr. Manas Ranjan Tripathy (Professor)
Department of Mathematics
NIT Rourkela-769008

Contact
Dr. Manas Ranjan Tripathy
manas@nitrkl.ac.in
7978346466 (M)
0661-246-2707(O)

About the Workshop
The workshop will be highly specific toward the basics of probability theory and statistics with applications to various fields of engineering and sciences. The developments of probability, its application to statistics, and various statistical tools will be focused. Both lectures and hands-on practical shall be arranged on the topic.

Topics to be Covered
Probability theory, Univariate random variable, Distributions, Moments, Point estimation, Interval estimation, Hypothesis testing, Bivariate random variable, Regression analysis, and Correlation analysis. Applications in number theory, image processing, pattern recognition, and machine learning.

Keynote Speakers
Eminent professors from IITs and NITs.

Who can Apply
Researchers and faculty members having a Statistics/Mathematics background from any university or near by colleges are eligible to apply. The number of participants is limited to 25 only.

How to Apply
Complete application form in the prescribed format forwarded by the competent authority should reach the organizing secretary, Email: manas@nitrkl.ac.in on or before November 22, 2024.

Registration Fee
There is no registration fee for the workshop.

Travel
Traveling allowance will not be provided by the organizers. Participants have to make their own arrangements.

Food and Accommodation
Refreshments and a working lunch will be provided to the participants during the program. Accommodation will be provided in the institute guest house or hostel based on availability for only participants from outside Rourkela. Charges for the accommodation will be borne by the participants.

Application Form

DST-SERB Sponsored National Workshop
On
Probability and Statistics with Applications
(28th Nov – 2nd Dec 2024)

1. Full name:

2. Designation:

3. Discipline/specialization:

4. Address:

5. Date of birth:

6. Sex (male/female):

7. Category (gen/OBC/SC/ST):

8. Mobile no:

9. Email:

10. Educational qualifications:

11. Current areas of research/teaching:

Signature of the applicant with the date

Recommendation of the forwarding institute
It is certified that the information provided above is verified and found correct. The applicant is recommended for attending the workshop at NIT, Rourkela

Signature of the forwarding authority with seal and date