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CENTRAL UNIVERSITY OF

JHARKHAND

Village- Cheri-Manatu, P.O.- Kamre, P.S.-
Kanke, Ranchi- 835222, Jharkhand



International Conference on Mathematics and Statistics in the Era of Data Science (ICMSDS- 2025)

18th to 20th March, 2025
(Hybrid mode)

VENUE: SCIENCE BUILDING, CUJ, RANCHI
JHARKHAND



Jointly Organised By

Department of Mathematics & Department of Statistics
in Association with
Jharkhand Society of Mathematical Sciences (JSMS),
Ranchi, Jharkhand

ABOUT THE UNIVERSITY

The Central University of Jharkhand was established through the Central University Act, 2009. The University started with a vision to specially focus on relevant present age educational drives with an emphasis on research in cutting edge technologies. It offers Under Graduate, Post Graduate and Ph.D. programmes. The University is open to new ideas in course curricula and research proposals, collaboration, interaction and capacity building programmes. Being located in Jharkhand, the study of culture is the thrust area of the University as manifested in Centre for Indigenous Culture Studies, Centre for Tribal & Customary Law, Centre for Tribal Folklore, Language & Literature, and Music & Performing Arts. The CUJ Faculty have been awarded National and International Fellowships, Project funding and Recognition and are constantly contributing to the Government, Public and Private Sector organisations through teaching and consultancy. The students have also won accolades in national level academics and extramural activities.

ABOUT THE DEPARTMENTS

1. The Department of Mathematics, formerly known as Centre for Applied Mathematics was established in July 2009 under the School of Natural Sciences. The Department started offering the Integrated M.Sc. Program in Applied Mathematics from academic session 2009-10. The Ph.D. degree in Mathematics has been started from the academic session 2013-2014. The faculty members have more than 100 research papers published in reputed journals.
2. The first P.G. Department of Statistics, was established in CUJ in the year 2022 with a view to offering M.A./M.Sc. Statistics degree, realizing the growing importance of all subjects from the standpoint of interdisciplinary and multidisciplinary research advocated in NEP 2020 and looking at the vast employment opportunities available. Needless to say, the world is fast transforming into a data-driven society.

OBJECTIVE

The main objective of this conference is to provide a platform for researchers, academicians, leading scientists and industrialist to interact with each other. The Conference will provide a productive forum for exchanging ideas and information in current challenges, practical experiences in the emerging field of Mathematics, Statistics and Data Science, and to provide comprehensive learning on the principles of Data Science.

DISTINGUISHED SPEAKERS (Tentative)

1. Prof. D. K. Gupta, IIT Ranchi(Retd. From IIT Kharagpur)
2. Prof. M.C. Agrawal, University of Delhi
3. Prof. Somesh Kumar, IIT Kharagpur
4. Prof. K.S. Rao, Andhra University
5. Prof. Priya Ranjan Dash, Utkal University
6. Prof. Vyas Dubey, Pt. Ravishankar Shukla University, Raipur
7. Prof. Somnath Bagh, Sambalpur University
8. Prof. K.C. Mishra, NCSU,USA
9. Prof. K.C. Prasad, Ranchi University
10. Prof. Ameeya K. Nayak, IIT Roorkee
11. Prof. C. Satheesh Kumar, University of Kerala
12. Prof. Sachin Saw, Botswana International University
13. Prof. P A Lakshmi Narayana, IIT Hyderabad
14. Prof. Santimoy Kundu, IIT (ISM), Dhanbad
15. Prof. Santanu Manna, IIT Indore
16. Prof. Jugal Mohapatra, NIT Rourkela
17. Prof. Yogesh Mani Tripathi, IIT Patna
18. Prof. S. Padhi, BIT Mesra
19. Prof. Shalabh, IIT Kanpur
20. Prof. Parmil Kumar, University of Jammu
21. Prof. Arun Kumar Sinha, CUSB
22. Prof. Debasis Bhattacharya, Visvabharti University
23. Prof. Suresh Sharma, Panjab University
24. Prof. Anurag Jayswal, IIT (ISM), Dhanbad

CALL FOR PAPER PRESENTATION

Authors are invited to submit the abstract of their article typed in M-S Word format in Times New Roman font having 12pt size. The abstract should contain title of the paper, author's name and affiliation. Title should be bold and in 14pt size

Who can attend: Master's Students, Research Scholars, Faculty Members and Industrialist

Thrust Area: The Thrust area of this conference includes but are not limited to

- Probability Theory and Distribution
- Statistical Inference
- Linear and Non-linear Regression
- Multivariate Analysis
- Sampling Theory
- Actuarial Statistics
- Information Theory
- Neural Network
- Representation Theory
- Graph Theory
- Numerical Analysis
- Wave Propagation
- Fluid Mechanics
- Number Theory
- Solid Mechanics
- Discrete Mathematics
- Algebra
- Image Processing
- Cryptography
- Machine Learning
- Artificial Intelligence
- Big Data Analytics
- Data Science
- Reliability
- Data Analytics
- Data Mining
- Mathematical Modelling

Accommodation: Limited accommodation is available in the campus hostel.
Guest house accommodation is available on payment basis.

How to reach:

- By Air: Nearest airport is Birsa Munda Airport Ranchi (IXR) (25 km from University)
- By Rail: Connected via Ranchi Junction Railway Station (RNC) (23 km) and Hatia Railway Station (HTE) (25 km)
- By Road: Nearest bus stands: Kanta Toli Bus Stand (23 km), ITI Bus Stand (12 km) and Ranchi Govt. Bus Stand (21 km)

IMPORTANT DATES

Online Registration Start: 02 February, 2025

Abstract Submission Deadline: 28 February, 2025

Registration Deadline: 05 March, 2025

Abstract Acceptance for Presentation: 02 March, 2025

Abstract Submission mail given below:

icmsds2025@gmail.com

Registration	Indian delegates (Registration fee)	Foreign delegates (Registration fee)
Industry	Rs. 2500	100 USD
Faculty	Rs. 2000	60 USD
Research Scholar	Rs. 1000	30 USD
Students(PG/UG)	Rs. 500	20 USD

**The participant fee is Rs. 300 and 10 USD for Indian and Foreign delegates respectively.*

**The Registration fee includes Conference Kit, Break-fast, Lunch & Dinner*

REGISTRATION : Click on the following link or scan the QR Code

<https://forms.gle/44hM25tFia2XqPcL7>

MODE OF FEE PAYMENT

Account Name: **ICMSDS**

Account No: **7277002100000695**

IFSC Code: **PUNB0727700**

Bank Name: **Punjab National Bank**, Central University of Jharkhand,
Brambe, Ranchi



For more information, Contact
Dr. P. K. Parida: +91-9835688811
Prof. K. B. Panda: +91-9437357249