

### About ICRAEE-2025

International Conference on Recent Advances in Mathematics & its evolution in Engineering (ICRAEE-2025) is an international forum for mathematicians, scientists and engineers to present their latest research development in the area of applied and pure mathematics and their possible advanced applications in real life. We are here discussing the recent trends in Mathematics have what it takes to prepare and support modern engineering as they have for decades

### About MMMUT, Gorakhpur

Madan Mohan Malaviya University of Technology Gorakhpur has been strategically built (2013) on the legacy of success presented by MMM Engineering College, Gorakhpur in providing quality education. In addition to UG in Civil Engineering, Chemical Engineering, Computer Science & Engineering, Mechanical Engineering, Electrical Engineering and Electronics & Communication Engineering, Information Technology, University also offers MCA, BBA, B. Pharma, MBA, M. Tech, M.Sc. and Ph.D. courses in various specializations. A large number of reputed Industrial houses in the country visit the Institution and select the final-year students as Engineers/ Management Trainees. As one of the progressive Technical Institute, the Institute is responsible for providing high quality education in Engineering, Technology and Sciences to produce competent technical and scientific manpower for the country.

### About Department (MSCD)

The Department of Mathematics and Scientific Computing (MSCD) attained its present status of an independent department on 22nd June 2019. Prior to this, the department was constituent part of the Applied Science Department, established in 1962. The department is committed to imparting the effective teaching and quality research work in different areas of Mathematics and Scientific Computing. Presently department offers M.Sc. Mathematics (Specialization in Computing) and Ph.D. in Mathematics. Besides this, the department also offers various courses of Mathematics to Undergraduate and Postgraduate students of different Engineering, Science and management Departments of the university.

### OBJECTIVE OF THE CONFERENCE

The conference aims to bring together researchers, scholars, and experts from around the world to discuss and explore cutting-edge developments in various areas of mathematics. Its aims to foster collaboration, share knowledge, and address contemporary challenges in mathematical theory and applications, focusing on advanced topics and emerging trends in fields such as pure mathematics, applied mathematics, and interdisciplinary areas where mathematics plays a critical role.

### About Gorakhpur

The Gorakhpur is well connected by air, road and rail to



## International Conference

on

## Recent Advances in Mathematics & its Evolution in Engineering (ICRAEE – 2025)

(December 06-07, 2025)

(Hybrid Mode)



Organized by

Department of

Mathematics & Scientific Computing

**MADAN MOHAN MALAVIYA UNIVERSITY OF TECHNOLOGY**

DEORIA ROAD, GORAKHPUR-273010 (UP) INDIA

(U.P. Govt. Technical University)

**NAAC Grade 'A' University**

**RANKED**

**84<sup>th</sup>**

**Among top Engineering Colleges in India**

A.T.I. INDIA RANKING 2024

### Contact Details:

*All queries and clarification related to conference & submission of abstract/paper should be emailed to [mhmscd@mmmmt.ac.in](mailto:mhmscd@mmmmt.ac.in)*

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MMMUT, Gorakhpur (UP), India

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**Prof. V. K. Mishra**

Head, Mathematics & Scientific Computing Department

MMMUT, Gorakhpur (UP), India

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**Dr. Udai Kumar, MSCD, MMMUT, Gorakhpur**

All Research Scholar of MSCD, MMMUT Gorakhpur

### Important Dates

**Abstract Submission deadline :October, 25, 2025**

**Notification of acceptance: :November, 5, 2025**

**Registration deadline: :November, 12, 2025**

**Conference dates: :Dec., 06-07, 2025**

**Link of Abstract Submission**

<https://forms.gle/5qCCWumsTuxCXAww88>

First, the abstract of the manuscript should be submitted using the above link. After the peer review, if the abstract is accepted for **presentation**, the authors can register through the following below link and pay the conference registration fee. **Participants** can directly register and pay the conference registration fee using the below link.

**Link of Conference Registration:**

<https://forms.gle/5qCCWumsTuxCXAww88>

**Conference Website: ...**

all major cities Lucknow (270 KM), Varanasi (197 KM) and Patna (220 KM). Direct flights are also available from New Delhi, Kolkata to Gorakhpur. The MMM University of Technology is situated on Deoria road about 9 Km from Gorakhpur Railway station and 5 Km from the Gorakhpur airport.

### Conference Topics

1. Fluid Mechanics
2. Water Waves
3. Algebra
4. Operation Research
5. Integral Transform and calculus of variations
6. Wavelet transforms
7. Statistics
8. Integral Equation and harmonic analysis
9. Differential Equation
10. Computation fluid dynamic
11. Number, Fuzzy and operator theory
12. Applied Physics
13. Real & complex and functional analysis
14. Computer science and Graph theory
15. Geometry, tensor & topology
16. Theory of relativity
17. Mathematical Biology and finance
18. Mathematics of Machine Learning
19. Numerical Analysis and Scientific Computing
20. Emerging Interdisciplinary areas of mathematics

Any other equivalent interdisciplinary areas of Mathematics.

### ADVISORY COMMITTEE

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 Prof. Ayman Badawi, American University of Sharjah

### Tentative Keynote Speakers

#### Tentative list of keynote speakers :

1. Prof. S. N. Bora, IIT Guwahati
2. Prof. S. Natesan, IIT Guwahati
3. Prof. S. C. Martha, IIT Ropar
4. Dr. Pratibhamoy Das, IIT Patna
5. Prof. L. P. Singh, IIT BHU
6. Prof. Ameet K. Nayak, IIT Roorkee
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9. Prof. Arvind Patel, Delhi University
10. Prof. Gorakh Nath, MLNIT, Allahabad
11. Prof. Zamil Hussain, Mizoram University
12. Prof. P. Chatterjee, Viswa-bharati Central University
13. Prof. Cemil Tunc, Van Yuzuncu Yil University, Turkey
14. Prof. M. Singh, University of Limerick, Ireland
15. Prof. D. Yadav, University of Nizwa, Oman
16. Prof. Sunil Kumar Singh, BBAU, Lucknow, UP
17. Prof. Sunil Kumar, NIT Jamshedpur
18. Prof. Sahin Ahmed, R.G.U., Arunachal Pradesh
19. Prof. P. Agarwal, AIC of Engineering, Jaipur
20. Dr. P. S. Mondal, NIT Patna
21. Dr. Gaurisankhar, NIT Patna
22. Prof. Haci Mehmet Baskonus, Sanliurfa, Turkey.
23. Prof. Dr. Shams F. Ahmad, Sunway University, Malaysia
24. Prof. Dr. Md. Fazlul Hoque, Bangladesh
25. Prof. Arshad Khan, Jamia Millia University, Delhi
26. Dr. Utpal Kumar Saha, NIT Arunachal Pradesh
27. Prof. Nurul Huda Gazi, Alia University
28. Prof. T. N. Pandey, Retired DDU Gorakhpur Uni.
29. Dr. P. D. Mishra, ISRO
30. Prof. Rajesh Kumar Pandey, IIT BHU
31. Prof. Rafikul Alam, IIT Guwahati

### Registration Fee

#### Indians (Paper Presenters/Participants)

Faculties : INR 3000 + 18% GST  
 Ph.D. Scholars : INR 1500 + 18% GST  
 PG Students : INR 1000 + 18% GST  
 Industrialists : INR 6000 + 18% GST

#### Foreigners (Paper Presenters/Participants)

Faculties : USD 80 + 18% GST  
 Ph.D. Scholars : USD 50 + 18% GST  
 PG Students : USD 30 + 18% GST  
 Industrialists : USD 100 + 18% GST

The conference registration fee is same for both the paper presenters and participants. The conference registration fee is non-returnable. The conference registration includes entry to all the technical sessions of the conference, conference kit, working lunch, tea/coffee, and conference dinner. Some quality paper after peer reviewed will be published in conference proceeding scopus index journal and for it, publication fee will be charged.

### Accommodation

A limited number of participants can be accommodated at the MMMUT hostels (only for students) and guest houses (faculties). A prior request should be made for hostel/guest house accommodation.

### Venue and Important Links

**Venue:** Department of Mathematics and Scientific Computing, Madan Mohan Malaviya University of technology, Gorakhpur, UP, India

### Local Advisory Committee

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