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8th International Conference on Mathematical Modelling, Applied Analysis and Computation-2025 (ICMMAAC-25)

August 01-03, 2025



Springer



REGISTRATION

Delegates must submit registration form along with registration fee

REGISTRATION FEE:

Registration fee*	Faculty/Scientist/Industry		Students & Scholars	
	On or before June 15, 2025	After June 15, 2025	On or before June 15, 2025	After June 15, 2025
Indian Delegate	INR 4000/-	INR 4500/-	INR 3000/-	INR 3500/-
Foreign Delegate	USD 250	USD 300	USD 150	USD 200

Note : 18% GST extra.

IMPORTANT DATES

- ▶ Early Registration Deadline - 15 JUNE 2025
- ▶ Abstract Submission Deadline - 25 July 2025

For further communication you may contact at : icmmaac@jecrcu.edu.in

ACCOMMODATION

The arrangements for the accommodation in university hostels and nearby hotels will be made on the request for which the tariffs have to be paid by the delegates/participants. A limited number of economical accommodations are available in the university guest house/hostels on the first come first serve basis. **Participants are requested to bear their transportation and accommodation. No TA and DA will be paid.**

Jointly Organized by :
Department of Mathematics, School of Sciences,
JECRC University, Jaipur,
Indian Institute of Technology, Mandi,
Lebanese American University, Lebanon,
Jaipur Mathematical Society, Jaipur

Venue: JECRC University, Jaipur, Rajasthan, India

ABOUT PINK CITY JAIPUR

Jaipur, the world renowned Pink City has an interesting mix of modern infrastructure with a rich heritage and culture which makes Jaipur a very charming city. Known for their hospitality, the people of Jaipur are really welcoming and helpful. The Capital City of Rajasthan, Jaipur was founded by Maharaja Sawai Jai Singh II of Amber in 1727. At that time, Jaipur was one of the best-planned cities of the world. Jaipur forms a part of the West Golden Triangle tourist circuit along with Agra. Jaipur is well connected to almost every corner of India via different means of public transport including air, rail and road. Jaipur is a popular tourist destination in India and serves as a gateway to other tourist destinations in Rajasthan. The magnificent forts, beautiful havelis and colorful bazaars make Jaipur a popular tourist destination among tourists. Hawa Mahal, Amber Fort, Jaigarh Fort and Nahargarh Fort are popular tourist attractions in Jaipur. Jantar Mantar, built in stone and marble, is the most extensive of the five observatories is a popular tourist attraction in Jaipur showcases India's scientific prowess in a time when US didn't exist. Other major tourist attractions in Jaipur include the Birla Mandir, Govind Deo ji Mandir, Rambagh Palace, Central Museum and Kanak Valley etc.

ABOUT JECRC UNIVERSITY

JECRC Foundation believes in the power of youth. The JECRC University has been established with a view to provide world class education to our young minds so that they can shoulder their global responsibilities in the years to come.

JECRC University has its 32-acre campus with unique classical architecture and thoughtful layout and landscaping to create a perfect learning ecosystem. The campus is located around the prime industrial and institutional hub of Jaipur and is well connected with all parts of the city.

The University is driven by the spirit of innovation-led research. Lush green, energy efficient and eco-friendly campus design goes beyond just the buildings. Beautiful choice of shrubs and trees, water harvesting and recycling and waste management practices are in line with a Green Campus. JU is zero waste campus with the recycling of water used for irrigating the large courtyards.

State-of-the-art library with modern information and communication technology services, well equipped laboratories, virtual classroom facilities and ICT equipped class rooms are some of the features, besides a highly qualified, inspiring and motivating teaching faculty make the young budding students to choose this University for the pursuit of knowledge, wisdom and truth.

ABOUT THE DEPARTMENT

The Department of Mathematics was established in the year 2012 and has strength of more than 1000 students and research scholars. The Department of Mathematics periodically organizes conferences, seminars, symposia, workshops and guest lectures by renowned Mathematicians for the benefit of both the students and the faculty. The curriculum of the department is so designed so as to help in imparting and developing soft skills in the students to enhance the commitment at all levels.

ABOUT THE CONFERENCE

The 8th International Conference on Mathematical Modelling, Applied Analysis and Computation-2025 (ICMMAAC-25) is a specialized conference on mathematical modelling and its applications. This conference is jointly organized by Department of Mathematics, JECRC University, Jaipur, Indian Institute of Technology, Mandi, Lebanese American University, Lebanon, Jaipur Mathematical Society, Jaipur. The scope of ICMMAAC-25 conference covers theoretic and applied aspects of the various types of mathematical modelling (differential equations, fractional differential equations, distribution functions, fuzzy mathematical models, etc.) for systems of dynamic nature (deterministic, stochastic, continuous, discrete or hybrid with respect to time, etc.), applied analysis and usage of analytical and numerical techniques in handling modern problems of science, engineering and finance. It aims, in particular, at fostering cooperation among practitioners and theoreticians in this field.

CALL FOR PAPERS

The organizers invite original and unpublished research articles from academia, industry experts and students/researchscholars to present their work orally and through poster in the broad areas of following topics

TOPICS INCLUDE, BUT ARE NOT LIMITED TO:

Fractional Calculus	Advanced Analysis
Special Functions	Differential Equations
Fluid Dynamics	Applied Statistics
Approximation Theory	Automation
Chaos Theory	Relativity and Cosmology
Circuits and Networks	Complexity Theory
Computational Mechanics	Computational Engineering
Continuous Modelling	Control Theory
Cyber Security	Discrete Mathematics
Dynamical Systems	Evolutionary Computation
Fuzzy Sets and Logic	Information Theory and Coding
Inverse Problems	Mathematical Biology
Mathematical Physics	Mathematical Sociology
Neural Networks	Numerical Analysis
Optimal Control	Scientific Computing
System Dynamics	Applied Mathematics and Modelling
Artificial Intelligence	Big Data Analytics
Control and Robotics	Number theory & Cryptography
Discrete Geometry	Elastodynamics
Financial Mathematics	Image/Signal Processing
Mathematical Chemistry	Mathematical Engineering
Mathematical Psychology	Operations Research
Representation Theory	

FOR MORE DETAILS, VISIT

The interested delegated are requested to submit a detailed abstract at icmmaac@jecrcu.edu.in. The abstract should include full mailing address, affiliation, Email and keywords. There will be a review of the abstracts by the experts and selection of the paper is based on the recommendation of the expert committee.

CONFERENCE PROCEEDING

All presented papers will have the opportunity for publication after peer review in conference proceeding and journals (UGC Approved/Scopus Indexed/SCI Indexed).

INVITED SPEAKERS

1. Prof. Ravi P. Agarwal, University Blvd. Kingsville, Texas, USA
2. Prof. Luis Vázquez, Universidad Autónoma de Madrid, Spain
3. Prof. Dumitru Baleanu, Lebanese American University, Lebanon
4. Prof. George A. Anastassiou, University of Memphis, USA
5. Prof. Jordan Hristov, University of Chemical Technology and Metallurgy, Bulgaria
6. Prof. Carlo Cattani, University of Tuscia, Italy
7. Prof. Mahmoud Abdel-Aty, Sohag University, Egypt
8. Prof. Carla M.A. Pinto, ISEP, Portugal
9. Prof. S. A. Mohiuddine, King Abdulaziz University, Saudi Arabia
10. Prof. Haci Mehmet Baskonus, Harran University, Turkey
11. Prof. Mohammad Sajid, Qassim University, Saudi Arabia
12. Prof. Ali Akgul, Siirt University, Turkey
13. Prof. K.S. Nisar, Prince Sattam bin Abdulaziz University, Saudi Arabia
14. Prof. Jamal-Odysseas Maaita Democritus, University of Thrace, Greece
15. Prof. Kalyan Chakraborty, SRM University, AP, India
16. Prof. A. K. Nandakumaran, IISC, Bangalore
17. Prof. Rajendra Kumar Ray, IIT Mandi, Himachal Pradesh, India
18. Prof. Jyotindra C. Prajapati, Sardar Patel University, Gujarat, India
19. Prof. Muslim Malik, IIT Mandi, Himachal Pradesh, India
20. Prof. Devendra Kumar, University of Rajasthan, Jaipur, India
21. Prof. Rajesh K. Pandey, Indian Institute of Technology (BHU), Varanasi, India
22. Prof. S.D. Purohit, Rajasthan Technical University, Kota, India
23. Prof. Sunil Kumar, National Institute of Technology, Jamshedpur, India
24. Prof. Ritu Agarwal, MNIT, Jaipur, India
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CONFERENCE REGISTRATION FORM

Individuals who wish to register for the ICMMAAC-25 conference are kindly requested to complete the following google form :

<https://forms.gle/wwwtVfXXUiuYu1a486>



SCAN FOR PAYMENT



SCAN FOR REGISTRATION

LINK FOR PAYMENT

<https://payments.cashfree.com/forms/ICMMAAC-2025>

Please Note:

- Provide all the necessary details in the google form.
- All sender bank charges must be paid by the sender.
- Proof of payment must be emailed with registration form (icmmaac@jecrcu.edu.in)