List of Speakers

Plenary Lectures:
R. Balasubramanian *(Institute of Mathematical Sciences, India)*
Peter J. Cameron *(University of St Andrews, U.K.)*
Sandi Klavžar *(University of Ljubljana, Slovenia)*

Endowment Lectures:
Ayman Badawi *(American University of Sharjah, UAE)*
Boštjan Brešar *(University of Maribor, Slovenia)*
Francesco Belardo *(University of Naples, Italy)*
Gabriele D. Stefano *(University of L Aquila, Italy)*
Irene Sciriha Aquilina *(University of Malta, Malta)*
Sharad S. Sane *(Chennai Mathematical Institute, India)*
S. Sivaramakrishnan *(IIT Mumbai, India)*

Invited Lectures:
Ambat Vijayakumar *(Cochin University of Science and Technology, India)* – *Technical Address by President, ADMA*
Dalu Jacob *(IIT Delhi, India)*
Krithika Ramaswamy *(IIT Palakkad, India)*
Lavanya Selvaganesh *(IIT BHU, India)*
Nishad Kothari *(IIT Madras, India)*
Rakshith B.R. *(Manipal Institute of Technology, India)*
Rajendra Pawale *(University of Mumbai, India)*
Rosna Paul *(Graz University of Technology, Austria)*
Somasundaram K. *(Amrita Vishwa Vidyapeetham, India)*
Vinayak Joshi *(Savitribai Phule University, India)*

Focus Areas

- Graph Theory
- Graph Connectivity
- Graph Coloring
- Graph Labeling
- Graph Decompositions
- Interconnection Networks
- Graphs Related to Algebraic Structures
- Any other related topic
- Combinatorics
- Coding Theory
- Lattice Theory
- Matroid Theory
- Algebraic Graph Theory
- Applications

Convener

Aparna Lakshmanan S.
Professor, Department of Mathematics
Cochin University of Science and Technology
Phone: 9847742405
Email: admaicdm2025@gmail.com

Call for Papers

We invite you to submit your research paper for presentation in this conference. There will be **Best Paper Presentation Awards** for the *Professor S. S. Shrikhande Memorial Endowment Award* and *Professor R. Balakrishnan Endowment Award*, recognizing outstanding research in Discrete Mathematics. **If you wish your paper to be considered for the Best Paper Presentation Award, you must explicitly mention this in the email body. To be eligible for the award, the presenting author must be under 35 years old as on January 1, 2025 and if the presenting author holds a Ph.D., it must have been awarded within the last three years.**

Papers must be emailed to *admaicdm2025@gmail.com*, following the guidelines given on the conference website. An acknowledgment email will be sent within 48 hours — contact if not received. For more details, please visit our website.

Important Dates

Registration starting date:	**15 March 2025**
Last date for submission of papers:	**15 April 2025**
Last date for registration:	**31 May 2025**

Registration Fees

Early bird Indian (till April 15)	**INR 3500**
Early bird foreign (till April 15)	**USD 90**
Indian (from April 16 – May 31)	**INR 4000**
Foreign (from April 16 – May 31)	**USD 100**

Registration fee includes conference kit, breakfast, lunch, tea & snacks and dinner. Accommodation is not included. Those who want accommodation can send an email to *admaicdm2025@gmail.com*. You can prebook your accommodation in the hostel, guest house or nearby hotels according to your budget preference. Necessary assistance to book a suitable accommodation will be given by the organizers.

Link for registration:
https://forms.gle/VaJoMvQTmQXT3FGN7

For more information please visit:
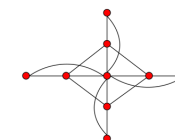https://sites.google.com/view/admaicdm2025/home

Twenty First Annual Conference of the Academy of Discrete Mathematics and Its Applications (ADMA)
&
International Conference on Discrete Mathematics (ICDM)
(ADMA-ICDM 2025)

JUNE 7-10, 2025

organized by

Department of Mathematics,
Cochin University of Science and Technology
(CUSAT), Cochin, India

VENUE: SEMINAR COMPLEX CUSAT

About the Conference

The Academy of Discrete Mathematics and Applications (ADMA), in collaboration with the Department of Mathematics, Cochin University of Science and Technology, Cochin, is delighted to announce the 21st Annual Conference of ADMA & International Conference on Discrete Mathematics 2025 (ADMA – ICDM 2025), scheduled from June 7th to 10th, 2025, which will also commemorate to celebrate Graph Theory Day on June 10th.

This conference aims to foster collaboration among experts and researchers by providing a platform to share and discuss recent advancements in discrete mathematics, encompassing areas such as Combinatorics, Graph Theory, Lattice Theory, Coding Theory, and their applications. The event will feature an enriching academic program with endowment lectures, plenary talks, invited talks, and paper presentations.

About Academy of Discrete Mathematics and Applications

The Academy of Discrete Mathematics and Applications (ADMA) is a registered professional body functioning with the aim of promoting active and quality research in Discrete Mathematics and allied subjects. Established in 2005, it has been successfully disseminating front-line research culture among the discrete mathematicians in India. Its annual conferences are being organized every year in the month of June so that the dates of the conference include June 10th as Graph Theory Day marking the birth anniversary of Professor E. Sampathkumar, the pioneer in introducing Graph Theory into the postgraduate curriculum in India during the academic year 1970-71 at the famed Karnatak University, Dharwad.

Official website: https://www.adma.co.in/

All registered participants, those who have not yet taken the life membership of ADMA are requested to become ADMA life members. For participating in the conference, at least sessional membership is mandatory. Respective forms and details are available in the official website of ADMA and will also be available in the conference venue.

About Cochin University of Science and Technology

Established in 1971 and named as University of Cochin, it was the symbol of commitment from the Government of Kerala towards the new scientific policy resolution adopted by the Central Government on 4th March 1958. The birth of the new University was with the specific purpose of "development of higher education with particular emphasis on post-graduate studies and research in applied science, technology, industry and commerce". The University of Cochin was later reorganized as Cochin University of Science and Technology (CUSAT) in February 1986. Specialisations are available in all Faculties/Departments for higher studies and research.

About Department of Mathematics

The Department of Mathematics was established in 1996. The Department conducts M.Sc., Integrated M.Sc. and Ph.D. programmes in Mathematics. From the very beginning, the Department has taken the leadership in promoting research in mathematics and its applications, especially in this part of the country. Thrust areas of research of the department are Graph Theory, Algebra, Functional Analysis, Fuzzy Mathematics, Wavelet Analysis, Operator Theory, Topology, and Differential Equations.

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- **AMBAT VIJAYAKUMAR** ,Cochin University of Science and Technology, India, President - ADMA - Chair

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Convenor: Aparna Lakshmanan S
Members:

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