

List of Speakers

Plenary Talks

Apoorva Khare, IISc Bangalore
Friedrich Wehrung, University of Caen Normandy, France
M. Ram Murty, FRSC, Queen's University, Canada
Mathias Schacht, University of Hamburg, Germany
Shekhar Mande, Bioinformatics Centre, SPPU(Ex. DG, CSIR, India)

Endowment Lectures

Amitava Bhattacharya, TIFR Mumbai
Gyula Katona, Budapest Univ. of Tech. & Economics, Hungary
Navin Kashyap, IISc Bangalore
Sandra Kingan, The City University of New York, USA
Shariefuddin Pirzada, University of Kashmir, Srinagar
Soumen Maity, IISER Pune

Invited Talks

Anirban Banerjee, IISER Kolakata
Aparna Lakshamanan, CUSAT Kerala
Ganesh Kadu, SPPU Pune
Kamal Lochan Patra, NISER Bhubaneswar
Mathew Francis, ISI Chennai
Prajakta Nimbhorkar, Chennai Mathematical Institute, Chennai
Rajendra Pawale, University of Mumbai, Mumbai
Rajesh Kannan, IIT Hyderabad
Rakhi Pratihar, Indraprastha Inst. of Information Tech., Delhi
Sasmita Barik, IIT Bhubneshwar, Orrisa

Convener

Vinayak Joshi

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Y. M. Borse

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Organizing Committee

From COEP Tech

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Deepak Kshirsagar

From SPPU, Pune

S. D. Kendre
S. C. Patekar
S. B. Dhotre
G. S. Kadu
Smita Kandekar
Pavan Dodya

Call for Papers

The participants are kindly invited to submit the full text of their research papers for presentation at the conference. The papers should be on topics related to the theme of the conference. The papers will go through the screening process and the decision about selection of papers for presentation will be communicated to participants. Based on the presentation, peer reviewed FIVE best papers will be honored with R. B. Endowment Best Paper Award comprising of cash prize of Rs. 2000 each.

The papers are to be submitted, at the latest by 25th April 2024, through email to ymborse@unipune.ac.in

Important Dates

Registration starting date : March 25, 2024
Last date for submission of papers : April 25, 2024
Decision on the selection of papers : May 05, 2024
Last date Registration : May 15, 2024

Registration Fees

Participants	Accommodation	Amount
Indian	Yes	INR 4000
Accompanying Person	Yes	INR 2500
Indian	No	INR 3000
Foreign	Yes	USD 100
Foreign	No	USD 75

For registration and guidelines of paper submission, please visit : http://math.unipune.ac.in/adma-icdm_2024.php

Note : All registered participants are requested to become ADMA Life members if they are not already Life members. At least they have to pay for sessional membership of ADMA. Respective forms and details will be shared with participants at the venue of the conferences.



20th Annual Conference of Academy of Discrete Mathematics and Applications & International Conference on Discrete Mathematics 2024 (ADMA – ICDM 2024)

June 07-10, 2024



Organized by
Department of Mathematics,
Savitribai Phule Pune University, Pune, INDIA
(Celebrating the 75th Anniversary)
and
Department of Mathematics,
School of Computational Sciences,
COEP Technological University, Pune, INDIA

Venue
Department of Mathematics
Savitribai Phule Pune University
Ganeshkhind, Pune 411007, Maharashtra, INDIA

About the Conference

Academy of Discrete Mathematics and Applications (ADMA), Department of Mathematics, Savitribai Phule Pune University (SPPU) and Department of Mathematics, COEP Technological University Pune (COEP Tech) are jointly organizing 20th Annual Conference of Academy of Discrete Mathematics and Applications & International Conference on Discrete Mathematics 2024 (ADMA – ICDM 2024) during June 7th to 10th, 2024 and also to mark the celebrations of Graph Theory Day on 10th June. The purpose of this conference is to bring together experts and researchers and provide them a platform to discuss/disseminate recent advances in various areas of discrete mathematics, including but not limited to Combinatorics, Graph Theory, Lattice Theory, Coding Theory and related applications. The academic program of the conference will include endowment lectures, plenary talks, invited talks and paper presentations.

About Savitribai Phule Pune University

Savitribai Phule Pune University (formerly University of Pune) is one of the premier universities in India. The university was established on 10th February 1949 under the Poona University Act. The university houses 46 academic departments. It has about 307 recognized research institutes and 612 affiliated colleges offering graduate and under-graduate courses. According to Times Higher Education World University Ranking, Savitribai Phule Pune University has been ranked number 2 among the universities in India. The university is NAAC re-accredited at A+ level and has status of university with potential for excellence by UGC, India.

The Department of Mathematics started with the inception of the University. It offers two PG programs viz. M.Sc. (Mathematics), M.Sc. (Industrial Mathematics with Computer Applications), and a Ph.D. program in Mathematics. The department has a rich tradition of quality teaching. This has led to many students qualifying for national level examinations and entering Ph.D. programs in premier institutes like IITs, IISERs, foreign universities. Besides teaching, the department is also well known for its quality research activities. It has a respectable number of full-time research scholars. The

department is recognized by UGC under CAS-I, CAS-II and receives funds regularly from agencies like DST and NBHM.

About COEP Technological University

College of Engineering, Pune (COEP), now Technological University (from 21st June 2022), was established in 1854 and is one of the oldest and Premier Engineering Institutes in the Country. The institute is known for imparting quality technical education and is ranked consistently on par with the Best Engineering Institutes in the Country by National Institutional Ranking Framework and other prestigious surveys. The institute is known for its contributing alumni, spread globally for serving mankind and technology. With 8 UG and more than 26 PG courses in engineering and one PG program in business administration, besides Ph.D. program in all disciplines, the focus of COEP Technological University is on research and development, innovation activities relevant to industries. EIGHT Multi-disciplinary Centers of Excellence (CoEs) in sunrise areas of Applied technologies are being set up. The university is NAAC accredited at A+ level.

The Department of Mathematics in COEP was established in the year 1960. It is now part of the School of Computational Sciences. Research on various aspects of Graph theory, Matroid theory, Lattice theory, Commutative algebra, Coding theory, Geometric function theory, and Fractional calculus with pure and engineering applications are carried out by the faculty. Our vision is to develop the department as a research center for pure and applied mathematics with applications to engineering.

Focus Area

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

Academic Program Committee

- ❖ Ambat Vijayakumar, CUSAT, Kerala
- ❖ Amitava Bhattacharya, TIFR Mumbai
- ❖ Apoorva Khare, IISc Bangalore
- ❖ G. Y. Katona, Budapest Univ. of Tech. & Economics, Hungary
- ❖ S. Pirzada, University of Kashmir
- ❖ Sandra Kingan, The City University of New York, USA
- ❖ Soumen Maity, IISER Pune
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- ❖ B. N. Waphare, SPPU Pune

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Dean, COEP Tech

Advisory Committee

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