INVITED SPEAKERS

Prof. Bernard Lidicky, Lowa State University, USA.

Prof. Bhyravarapu Sriram, IIT Guwahati, India.

Prof. Bojan Mohar, Simon Fraser University, Canada.

Prof. Hao Huang, National University of Singapore, Singapore

Prof. Ismael G. Yero, Universidad de Cádiz, Spain.

Prof. Juha Plosila, University of Turku, Finland.

Prof. Krithika Ramaswamy, IIT Palakkad, India.

Prof. S. Lavanya, IIT Varanasi, India.

Prof. A Muthusamy, Periyar University, India.

Prof. Narayanan N, IIT Madras India.

Prof. Niranjan Balachandran, IIT Bombay, India.

Prof. Pasi Liljeberg, University of Turku, Finland.

Prof. Pavol Hell, Simon Fraser University, Canada.

Prof. Riste Skrekovski, University of Ljubljana, Slovenia.

Prof. Reza Naserasr, Universite Paris Cite, CNRS, France.

Prof. R. Sampath Kumar, Annamalai University, India.

Prof. R. Subashini, NIT Calicut India.

Prof. Sunil Chandran, IISc Bangalore, India.

Prof. T. Tamizh Chelvam, M S University, India.

Prof. Vaidyanathan Sivaraman, Mississippi State University, USA

Prof. A. Vijayakumar, CUSAT, India.

CONTACT US

Conference Coordinator :

Dr. K. Somasundaram,
Department of Mathematics,
Amrita Vishwa Vidyapeetham,
Ettimadai, Coimbatore – 641 112, India.

+91-422-268 5601

s_sundaram@cb.amrita.edu

CALL FOR PAPERS

Original research papers are invited from Research scholars, Academicians and Industrialists from Graph Theory and its allied areas. Authors who want present their research papers are invited to submit full paper in English no longer than 12 pages (preferably in Latex). Accepted papers are expected to be presented at the conference. All the research papers for the conference to be sent to the conference coordinator through e-mail : *icgta25@cb.amrita.edu*

Papers presented in the conference will be peer reviewed by the conference editors and published in the form of Conference Proceeding.

IMPORTANT DATES

Full Paper Submission : *15 Sep 2025*

Acceptance Announcement : *31 Oct 2025*

Participation Registration : *15 Nov 2025*

REGISTRATION

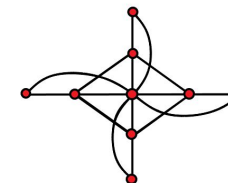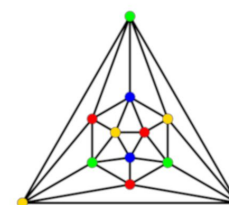**Indian Participants** : Rs.2360
(Rs.2000 + Rs.360 (GST))

Foreign Participants : $200

For Registration and further details :
https://www.amrita.edu/events/icgta/

AMRITA
VISHWA VIDYAPEETHAM

International Conference on
Graph Theory and its Applications (ICGTA 2025)

ADMA

15-17 December 2025

Organized by
**Department of Mathematics
Amrita School of Physical Sciences
Amrita Vishwa Vidyapeetham
Coimbatore**

ABOUT THE CONFERENCE

In the proposed Amrita Conference during December 2025, several leading world-renowned experts from outside India have agreed to participate and share their insights through talks. In addition, several leading Indian graph theorists have also confirmed their participation.

The Program Advisory Committee of the Conference has taken special care to see that opportunities are provided to many young researchers to come and present their research findings through Invited Talks. One of the conditions that has been imposed by the Local Organizers of the Conference is that all the speakers should be present throughout the three days of the conference thereby providing an opportunity for the young participants to interact with the experts.

ACADEMIC PARTNER : Academy of Discrete Mathematics and Applications (ADMA)

ACADEMIC PROGRAMMING COMMITTEE

Prof. R. Balakrishnan, Bharathidasan University, India.
Prof. Bernard Lidicky, Lowa State University, USA.
Prof. Bojan Mohar, Simon Fraser University, Canada.
Prof. Boštjan Brešar, University of Maribor, Slovenia.
Prof. Juha Plosila, University of Turku, Finland.
Prof. Narayanan N, IIT Madras, India.
Prof. Niranjan Balachandran, IIT Bombay, India.
Prof. Pavol Hell, Simon Fraser University, Canada.
Prof. Reza Naserasr, Universite Paris Cite, CNRS, France.
Prof. Sunil Chandran, IISc Bangalore, India.
Prof. T. Tamizh Chelvam, M S University, India.
Prof. A. Vijayakumar, CUSAT, India.
Prof. Xuding Zhu, Zhejiang Normal University, China.

AMRITA UNIVERSITY

Amrita Vishwa Vidyapeetham is a multi-disciplinary, research-intensive, private University, empowering over 24,000 students through the expertise of 1700+ dedicated faculty members. Accredited with the highest possible 'A++' grade by NAAC, Amrita offers more than 250 UG, PG, and Ph.D. programs in Engineering, Management, and Medical Sciences including Ayurveda, Life Sciences, Physical Sciences, Agriculture Sciences, Arts & Humanities, and Social & Behavioral Sciences.

With its extensive network of nine campuses spread across Amaravati, Amritapuri, Bengaluru, Chennai, Coimbatore, Kochi, Mysuru and NCR Delhi (Faridabad), Amrita Vishwa Vidyapeetham stands as one of India's prominent private educational institutions. Encompassing an expansive area of over 1200 acres, these campuses offer an impressive built-up space of more than 100 lakh square feet. Renowned for its commitment to academic excellence, Amrita University consistently ranks among the top-tier private Universities in the nation, solidifying its reputation as a beacon of quality education.

Amrita is emerging as one of the fastest-growing institutions of higher learning in India as we have established 180+ collaborations with top 500 world-ranked universities in a short span of 18 years.

World-renowned humanitarian leader, Sri Mata Amritanandamayi Devi, AMMA, is the founding Chancellor and guiding light of Amrita Vishwa Vidyapeetham.

ABOUT THE DEPARTMENT

The Department of Mathematics was established in the year 1994. The department offers the five year Integrated M.Sc in Mathematics & Computing and five year Integrated M.Sc in Data Science, Two year M.Sc in Mathematics, Applied Statistics and Data Analytics, Data Science with Logistics and Supply Chain Management and Ph.D programme. Also department offers various Mathematics courses for B.Tech, M.Tech and other Programmes. The Department has been vigorously engaged in both research and teaching. The department has at present 39 faculty members who are all involved in research activities in the areas like, Graph Theory, Linear Algebra, Lie Algebra, Coding Theory, Functional Analysis, Fractal Theory, Regression Analysis, Differential Equations, Numerical Methods, Fluid Mechanics, Cryptography, Bio-Statistics, Computer Science and Data Science.

The department organized several international conferences and workshops during 2004, 2009, 2010, 2011, 2015, 2018, 2019, 2021,2022, 2023 and 2024.