

### Call for Papers

ICDM 2023 invites research papers in broad areas of discrete mathematics. Please upload your abstract during the online registration. All the papers submitted for the presentation will be screened by a screening committee. The papers recommended by the committee will be considered for contributory talks and poster presentations. However all the participants will be allowed for attending the conference subject to their registration. The deadline for submission of abstract is **6th May 2023**.

### Best Paper Presentation Award

Prof. R Balakrishnan's endowment best paper award will be given to the 5 best paper presentations at the conference.

### Publications

The accepted papers will be published in Scopus/web of science, UGC care list indexed journals after peer review.

### Registration for Conference

<b>Indian Participants:</b>	<b>Rs. 3000</b>
<b>Students/Research Scholars</b>	<b>Rs. 2000</b>
<b>Accompanying Person:</b>	<b>Rs. 1000</b>
<b>Accommodation(Extra):</b>	<b>Rs. 500</b>
<b>Foreign Participants:</b>	<b>\$ 250</b>

**(For Non-ADMA Members,  
an additional Fee of Rs.200 as sessional members)**

### **Online Registration Link**

**<https://vvce.in.ngrok.io/adma/>**  
(Click on the link)

### Important Dates

**Last Date for submission of Abstract**  
**06-05-2023**

**Last Date for Registration**  
**25-05-2023**

### Academic Program Committee

**C. Adiga**, University of Mysore, Mysuru.  
**R. Balakrishnan**, Bharatidasan University, Trichy.  
**Sasmita Barik**, IIT, Bhubaneswar.  
**Bostjan Bresar**, University of Maribor, Slovenia.  
**David Galvin**, University of Notre Dam, USA.  
**G. O. H. Katona**, Alfred Renyi Institute, Hungary.  
**Sandi Klavzar**, University of Ljubljana, Slovenia.  
**Hao Li**, University of Paris-Saclay, France.  
**Bojan Mohar**, Simon Fraser University, Canada.  
**A. Muthusamy**, Periyar University, Salem.  
**H. S. Ramane**, Karnatak University, Dharwad.  
**P S K Reddy**, JSS Uni. of Sci. & Tech., Mysuru.  
**E. Sampathkumar**, University of Mysore, Mysuru.  
**D D Somashekhara**, University of Mysore, Mysuru.  
**Aravind Srinivasan**, University of Maryland, USA.  
**Wasin So**, San Jose State University, USA.  
**Samir K. Vaidya**, Saurashtra University, Rajkot.

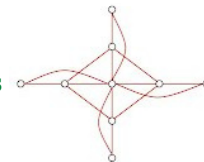
### Foreign Speakers

**G.O.H. Katona**, Alfred Renyi Institute of Mathematics, Hungary.  
**Ron Holzman**, The Hebrew University of Jerusalem.  
**Yuval Roichman**, Bar-Ilan University, Israel.

### Indian Speakers

**S. Arumugam**, M S University, Tirunelveli.  
**Arvind Ayyer**, IISc, Bengaluru.  
**T. Asir**, Pondicherry University.  
**D. D. Bantva**, Lukhdhirji Engineering College, Morbi.  
**Sunil Chandran L**, IISc, Bengaluru.  
**N Chandramoulieswaran**, Amity University Gurgaon, Haryana.  
**Charusheela Deshpande**, College of Engineering, Pune.  
**S. Ganesamurthy**, Periyar University, Salem.  
**Purnima Gupta**, Ramanujan College, Delhi.  
**Sudarshan Iyengar**, IIT Ropar.  
**B. R. Rakshith**, MIT, Manipal.  
**Pranjali Sharma**, University of Rajasthan, Jaipur.  
**Samir K. Vaidya**, Saurashtra University, Rajkot.  
**Ambat Vijaykumar**, CUSAT, Kochi.

**ADMA**  
Academy of Discrete Mathematics  
& Applications



*International conference*

*on*

**DISCRETE MATHEMATICS & GRAPH  
THEORY DAY**

**JUNE 8-10, 2023**

ORGANIZED BY

DEPARTMENT OF MATHEMATICS



**VIDYAVARDHAKA COLLEGE OF ENGINEERING**

Autonomous Institute, Affiliated to VTU  
Accredited by NBA | NAAC with 'A' grade  
Gokulam III Stage, Mysuru – 570 002  
Website: <http://www.vvce.ac.in>

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### About the Institution

Vidyavardhaka Sangha (VVS) stands as a synonym for quality education in the heritage city of Mysuru. VVS was established in 1949 by great visionaries namely Sahukar Channaiah and K. Puttaswamy (Former Minister of Karnataka) to impart quality education to all sections of society. There are ten educational institutions starting from nursery to engineering college under the aegis of VVS.

Established in 1997, VVCE is an autonomous institute affiliated to Visvesvaraya Technological University (VTU), Belagavi, approved by AICTE & UGC, New Delhi, and recognized by Govt. of Karnataka. Six UG programs are accredited by the National Board of Accreditation, New Delhi. VVCE is also accredited by NAAC with an “A” grade. VVCE offers seven UG programs, three PG programs, and nine Research Centres for pursuing Ph.D. programs, with a total student population of over 4000. The college has excellent infrastructure coupled with a qualified and passionate faculty team to provide a perfect learning ambience. The college is celebrating its silver jubilee year.

### About the Department

The department of Mathematics was established in the year 1997, with a modest strength of 3 faculty members. It has grown in strength and now boasts of having a team of 16 well-qualified and experienced teaching faculty members. The department has a well-furnished research center established in 2011. The department has to its credit several quality papers published in National and International journals of repute. Specialized areas of research are Graph theory, Number theory and Complex analysis.

### About the Conference

The main goal of the conference is to celebrate 50 years of Graph Theory in India by bringing experts and young researchers together to share their experiences and present recent developments in this dynamic and important field which helps the participants to exchange ideas and initiate collaborations and professional partnerships. This is the **19th annual conference** of the Academy of Discrete Mathematics and Applications (ADMA).

### About ADMA

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.

### How to reach Mysuru?

Mysuru is 150 kilometers (4hrs) from Bengaluru the capital of Karnataka. Mysuru is well connected by road, rail, and air. There are frequent buses and trains from Bengaluru and also some buses and trains from other neighboring states. Mysuru has a domestic airport. Currently, direct flights are available from Chennai and Hyderabad. The nearest international airport is Kempagowda International Airport, Bengaluru (180 kilometers from Mysuru).

### Chief Patrons

**Sri. GUNDAPPA GOWDA**

Hon. President, VV Sangha®

**Sri. B. SHIVALINGAPPA**

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### Patrons

**Dr. B. Sadashive Gowda**

Principal, VVCE, Mysuru

**Dr. N. Bhaskar**

Professor and Head,

Dept. of Mathematics, VVCE, Mysuru

### Convener

**Dr. M. A. Sriraj**

(92421 48306) sriraj@vvce.ac.in

### Co-Convener

**Dr. Prakasha K. N.**

(91644 24859) prakasha@vvce.ac.in

### Local organizing committee

**Dr. L Dileep**

**Dr. Divya Rashmi S V**

**Dr. Manasa K J**

**Dr. Shivashankar C**

**Shwetha H T**

**Madhusudan I C**

**Goutham C**

**Ajithkumara**

**Kiran Paul P**

**Rahul Manuvalli**

**Shibu Andia**

**Anand**

**Kirankumar M**

**Vishnu M**

**Dr. Arun C. Dixit**

**Dr. Shrikanth A. S., AIT, Chikkamagaluru**

**Dr. Guruprasad P. S., GFGC, Chamarajanagara**



## About the Workshop

Spectral Graph Theory involves the study of graphs and matrices using linear algebra and group theory. It is viewed as an extension to graph theory in which algebraic methods are applied to solve problems in graphs. It has found many applications in engineering and science such as computer science, electrical & communication Engineering, Sparse Matrix technology, combinatorial optimization, geoscience, and many more. The main aim of this workshop is to bring experts from IITs, NITs, other premier institutions, and young researchers together and expose them to the recent trends in the above area.

## Registration for Workshop

Indian Participants:	Rs. 2500
Students/Research Scholars:	Rs. 2500
Accommodation(Extra):	Rs. 500
Foreign Participants:	\$ 250

## Online Registration Link

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## Speakers for the Workshop

**Mukti Acharya**, Delhi Technological University, Delhi.

**Fouzal Atik**, SRM University, Amaravathi.

**Sasmita Barik**, IIT, Bhubaneswar.

**Indulal Gopal**, St Aloysius College, Edathua, Alappuzha, Kerala.

**Shahul Hameed**, KMM Govt. Women's College, Kannur.

**Rajesh Kannan**, IIT, Hyderabad.

**Swarup Kumar Panda**, IIT, Kharagpur.

**B. R. Rakshith**, MIT, Manipal.

**H. S. Ramane**, Karnatak University, Dharwad.

**Pralhad Shinde**, College of Engineering Pune.

**G. S. Yogashri**, M.E.S. Abasaheb Garware College, Pune.

## Important Date

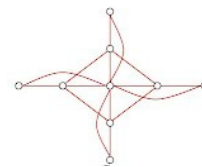
Last Date for Registration  
**25-05-2023**

## About Mysuru

Mysuru is a heritage city, a city of Palaces, a city of Yoga, and one of the top 10 clean cities in India. Famous for sandalwood carvings, rosewood carvings, Mysore Silk Sarees, Mysore Sandal Soaps, and Mysore Pak (Sweet). Mysuru is also famous for tourism. The places to visit nearby are Brindavan garden (KRS Dam), Hill stations (Ooty, Waynad), National (Bandipur & Nagarhole), waterfalls (Shivanasamudra, Abbey, Iruppu), Bird sanctuary (Ranganathittu, Kokkrellbelle) and many more.

**ADMA**

Academy of Discrete Mathematics  
& Applications



*Pre-Conference Instructional Workshop on*  
**SPECTRAL GRAPH**  
**THEORY**

**JUNE 4-7, 2023**

ORGANIZED BY

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