

SCHEDULE (Tentative)

- 09:15 AM – 10:00 AM Inauguration
10:00 AM – 10:15 AM Tea Break
10:15 AM – 11:00 AM Invited Talk by Prof. Uttara Naik-Nimbalkar
11:00 AM – 01:00 PM Activities
Quiz Competition
Thematic Presentation Competition
Mathematical Rangoli Competition
01:00 PM – 02:15 PM Lunch Break
02:20 PM – 03:00 PM Speaker 2
03:10 PM – 04:30 PM Valedictory
Felicitations
Prize distributions
Certificate distributions

EVENT ORGANISING COMMITTEE

- Dr. Akansha
Prof. Amrithalakshmi
Prof. Anitha Raghunath
Dr. Anu Radha D.
Dr. Arathi Bhat
Dr. Ashwini Bhat
Dr. Divya Shenoy P.
Dr. Harinakshi Karkera
Dr. Indira K. P. (Organising Secretary)
Dr. Kavitha Koppula
Dr. Lavanya B.
Dr. Prathima J.
Dr. Rekha G. Pai
Dr. Sabitha D'Souza
Dr. Sandhya S. Pai
Dr. Sarika Verma (Convenor)
Dr. Shahistha (Co-convenor)
Dr. Shobha M. E.
Dr. Smitha Holla
Dr. Soumya K. V.
Dr. Sujatha H. S.
Dr. Sumathi K. (Organising Secretary)
Dr. Swati Nayak
Dr. Vidya H. C.

THEME OF THE EVENT

To raise awareness of the value of Mathematics among young students and researchers.



To inspire women to celebrate their achievements in Mathematics.



To motivate women to become leaders of innovation.



ABOUT THE EVENT

“Women in Mathematics Day” is observed annually on May 12th to mark the anniversary of the eminent female mathematician Maryam Mirzakhani's birth. She was an Iranian Mathematician and a Professor of Mathematics at Stanford University. She was one of the world's leading experts in geometry and dynamical systems. In 2014, she was awarded the Fields Medal for her outstanding contributions to the dynamics and geometry of Riemann surfaces and their moduli spaces, becoming the first woman to be recognized for her mathematical achievements by this top mathematical prize. The goal of the day is to inspire women everywhere to celebrate their achievements in mathematics as well as to raise awareness of the value of mathematics. The day also highlights the advances and breakthroughs in the subject.

Women in Mathematics Day

On

May 12, 2023

(In Memory of Prof. Maryam Mirzakhani)



Organised by

**DEPARTMENT OF
MATHEMATICS**

**MANIPAL INSTITUTE OF TECHNOLOGY,
MANIPAL**

About Manipal Academy of Higher Education (MAHE)

Manipal Academy of Higher Education (MAHE) is synonymous with excellence in higher education. MAHE has been accorded the status of Institute of Eminence (IoE) by HRD, Government of India. Over 28,000 students from 57 different nations live, learn and play in the sprawling University town, nestled on a plateau in Karnataka's Udupi district. It also has nearly 2500 faculty and almost 10000 other support and service staff, who cater to the various professional institutions in health sciences, engineering, management, communication and humanities which dot the Wi-Fi-enabled campus. The Manipal Institute of Technology (MIT), Manipal was established in 1957 as one of the first self-financing engineering colleges in the country. MIT offers a Bachelor's and Master's program in engineering streams. It also gives students the option to carry out full-time or part-time research. The institute undertakes sponsored research programs supported by funding agencies such as DST, CSIR, AICTE, and the Ministry of Environmental Sciences. It has collaborative research programs in association with premier research laboratories and institutes in India and abroad.



Manipal Institute of Technology (MIT)

MIT offers a Bachelor's and Master's program in engineering streams. It also gives students the option to carry out full-time or part-time research. The minimum duration for postgraduate qualified PhD students is three years for full-time, and four years for part-time. There is a one-year relaxation for applicants with an MPhil degree. The institute undertakes sponsored research programs supported by funding agencies such as DST, CSIR, AICTE, and the Ministry of Environmental Sciences. It has collaborative research programs in association with premier research laboratories and institutes in India and abroad.

The Department of Mathematics

The Department of Mathematics at MIT Manipal was started in 1957. It provides the mathematical foundation required to formulate, analyse and solve the problems of engineering and management. The faculty members, along with the regular teaching, also guide the students in acquiring higher level knowledge of pure and applied mathematics. The primary responsibility of the department is to teach mathematics to undergraduate students. It also takes up teaching specialized subjects to MTech, MCA, and MSc programs, and is offering a BTech (Mathematics & Computing) from academic year 2023. The department is also associated with a new BTech (Computer Science and Finance Technology) program starting in the academic year 2023. In addition, the department offers PhD programs in various specializations for students admitted through the National Level Entrance Exam. There are 45 faculty members with diverse specializations and core competencies including Linear Algebra, Numerical Analysis, Fluid Dynamics, Graph Theory, Number Theory, Complex Analysis, Algebra & Applications, Functional Analysis, Topology, Statistical Inference, Deep Learning, Reliability Theory, and Control & Optimization.

Organising Committee

Chief Patron

Dr. Ramdas M. Pai,
President & Chancellor, MAHE, Manipal

Patrons

Dr. H. S. Ballal, Pro Chancellor, MAHE, Manipal
Dr. Lt. Gen. (Dr.) M. D. Venkatesh, Vice-Chancellor, MAHE, Manipal
Dr. Narayana Sabhahit, Pro-Vice Chancellor (Technology & Science), MAHE, Manipal
Dr P. Giridhar Kini, Registrar, MAHE, Manipal
Dr. Vinod V. Thomas, Registrar (Evaluation), MAHE, Manipal

Chairpersons

Cdr. Dr. Anil Rana, Director, MIT, Manipal
Dr. Somashekhara Bhat, Joint Director, MIT, Manipal

Event Chairperson

Dr. Kuncham Syam Prasad, Professor & Head, Dept. of Mathematics, MIT, Manipal

Quiz Competition

- Each team consists of 5 participants.
- The quiz would be based on basic mathematics.
- Number of rounds and the further instructions will depend upon circumstances and number of entries.

PowerPoint Presentation

- Each team consists of 2 participants.
- Theme for presentation will be on 'Practical applications of Mathematics / Looking at Mathematics as technology'
- Time for each presentation is (8 + 2) minutes, where the last 2 minutes are for the interactions.
- Participants must carry their own pen drives.

Mathematical Rangoli

- Each team consists of 2 participants.
- Time limit for Rangoli will be 90 minutes.
- Participants have to bring their own colours/materials.
- Concept of Rangoli must be mathematical.
- The size of Rangoli should not exceed 3' × 3'.

General Guidelines

- Institutions can send more than one team for the activities above mentioned.
- Competitions would go on simultaneously so the same participant cannot participate in more than one competition.
- Any indiscipline on the part of participants would lead to disqualification of the whole team.
- The prize distribution ceremony will take place at the end of the function.

No registration fees.

Participation certificate will be awarded to every participant.

For event registration: forms.office.com/r/hzsr11XZ7t

For any queries contact: Dr. Sarika Verma, 9780354272
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