

Proposal

Title	International Women in Mathematics Day
Venue	BML Munjal University, Gurugram–122413, Haryana
Mode	Online (Virtual mode)
Date	May 12, 2025, 4:00 - 05:00 PM
No of Participants	
Speaker	Prof Neena Gupta, Indian Statistical Institute Kolkata
Organizers	Dr. Ranjib Banerjee (Convenor) Dr Ziya Uddin Dr Rishi Asthana Dr Himanshu Upreti Dr Aradhana Narang School of Engineering and Technology, BML Munjal University.

Introduction:

Maryam Mirzakhani, the first woman mathematician to win the Fields Medal, was born on 12th May 1977. She was an Iranian mathematician and a Professor of Mathematics at Stanford University. She received the Fields Medal in 2014 for her outstanding contribution *to the dynamics and geometry of Riemann surfaces and their moduli spaces*. She was one of the world's leading experts in the field of geometry and dynamical systems. The whole world, particularly the world of Mathematics, was mourned on her sudden demise in 2017, only at the age of 40. She was an inspiration to everyone to pursue a career in mathematics and science. To honor her contribution, 12th May, her birthday, is celebrated as “*International Women in Mathematics Day*”. The day is about recognizing the contributions of women in mathematics and inspiring future generations to choose career in mathematics. The International Women in Mathematics Day is a global initiative supported by various organizations, including Indian Women and Mathematics (IWM).

We, at the School of Engineering & Technology, BML Munjal University, Gurugram would like to celebrate the day with an expert session by Prof Neena Gupta, a distinguished professor and a Bhatnagar awardee, currently working in the Physics and Applied Mathematics Unit at Indian Statistical Institute, Kolkata. Due to her busy schedule, the session will be conducted online via Zoom/Google Meet.

About the Speaker:

Prof. Neena Gupta is an outstanding mathematician and an accomplished researcher who has received numerous awards and accolades at an early stage in her career, owing to her dedication, determination, and unwavering commitment to the field of mathematics.

In 2019, she became the youngest-ever recipient of India's highest scientific honour in mathematical sciences—the prestigious **Shanti Swarup Bhatnagar Prize**. Her contributions continued to be recognized globally, earning her the **DST-ICTP-IMU Ramanujan Prize** for Mathematics in 2021, the **Ganit Ratna Award** in 2022, and the **TWAS-CAS Young Scientists Award for Frontier Science** in 2023.

On **8 March 2022**, the **Honourable President of India** conferred upon her the **Nari Shakti Puraskar**, celebrating her as a trailblazer in STEM. She was also featured in the book *Vigyan Vidushi*, which was unveiled on **28 February 2023** during the National Science Day programme organized by the Ministry of Science and Technology at Vigyan Bhavan, New Delhi.

Prof. Gupta was an **invited speaker at the International Congress of Mathematicians (ICM)**, organized by the IMU in July 2022—an honour extended only to leading mathematicians worldwide. Looking ahead, she is slated to deliver the **44th Emmy Noether Lecture on January 9, 2025**. Notably, she is the **youngest mathematician**, the **first from an Indian institution**, and only the **third of Indian origin** to be selected for this distinguished lecture.

Objectives:

- **Fostering more inclusive and welcoming environment for Women Mathematicians**
- **Inspire and celebrate women in mathematics**
- **Promoting Gender Equality**
- **Encourage STEM career**
- **Raising Awareness**

Conclusion:

This event is a small step expected to serve as a platform to celebrate the contribution of women mathematicians across the globe. This will provide a platform to ignite curiosity, courage and confidence among aspiring mathematicians.

Proposed Budget:

Item	Cost	Remarks
Mementos	INR 1,000	
Speaker Honorarium	INR 10,000	As per the university norm
Total	INR 11,000	

NOTE:

1. We would need support from the IT department for Zoom/Google Meet license to host the event in online mode.
2. We need support from the marketing team to create a digital poster for the social media publicity of the event, along with the online meeting link to increase participation.