

National Mathematics Day

Date: December 22, 2023

Event Name: National Mathematics Day

Department: Department of Mathematics

Venue: Board Room

No of Participants: 40

The Department of Mathematics at SLC celebrated National Mathematics Day on December 22, 2023, marking the 136th birth anniversary of the legendary mathematician Srinivasa Ramanujan. The event was a tribute to one of India's most extraordinary mathematical minds, whose contributions continue to influence and inspire mathematicians worldwide.

The celebration began with a traditional lamp lighting ceremony and a Saraswati Vandana, invoking the blessings of the goddess of wisdom and knowledge. This set an auspicious tone for the event, symbolizing the illumination of knowledge and learning.

Principal Prof. Rabi Narayan Kar delivered the inaugural address, highlighting the pivotal role of mathematics in various fields of education and its profound impact on our daily lives. He emphasized the significance of National Mathematics Day as a means to honour the legacy of Srinivasa Ramanujan and to inspire the younger generation to explore the vast world of mathematics. Prof. Kar underscored the global recognition of Ramanujan's work and encouraged the audience to delve deeper into the achievements and contributions of Indian scientists and mathematicians, aligning with the objectives of the National Education Policy (NEP).

Following Prof. Kar's insightful address, an informative documentary on the life of Srinivasa Ramanujan was screened. The documentary provided a comprehensive overview of Ramanujan's early life, his extraordinary mathematical talent, and his journey from a self-taught mathematician in India to a world-renowned figure collaborating with eminent mathematicians like G.H. Hardy at the University of Cambridge. The screening captivated the audience, offering a glimpse into the struggles and triumphs that marked Ramanujan's life.

After the documentary, a detailed introduction to Ramanujan's life and numerous achievements was presented. The session highlighted key incidents from Ramanujan's life, showcasing his profound understanding and passion for mathematics from a very young age. His remarkable ability to intuitively derive complex mathematical results, often without formal proofs, astonished his contemporaries and continues to be a subject of study and admiration.

The event also shed light on the continued relevance and exploration of Ramanujan's work by subsequent generations of mathematicians. Renowned mathematicians such as Bruce C. Berndt and George Andrews have extensively studied Ramanujan's notebooks, including the famous "Lost Notebook," which contains a wealth of unpublished results. Bruce C. Berndt's meticulous work on editing and publishing the contents of the "Lost Notebook" was particularly noted. This work has unveiled new mathematical insights and continues to influence contemporary mathematical research.

The celebration was well-attended, with 40 participants including faculty members,

students, and mathematics enthusiasts. The engagement and enthusiasm of the participants were evident, as they actively participated in discussions and shared their thoughts on the significance of Ramanujan's contributions to mathematics.

The event concluded with a heartfelt vote of thanks delivered by Dr. Subodh Kumar, the Teacher-in-Charge (TIC) of the Department of Mathematics. Dr. Kumar expressed his gratitude to all the attendees for their participation and to the organizing committee for their efforts in making the event a success. He reiterated the importance of celebrating National Mathematics Day and encouraged everyone to continue exploring and appreciating the beauty of mathematics.

In summary, the National Mathematics Day celebration at SLC was a fitting tribute to Srinivasa Ramanujan. It not only honoured his legacy but also inspired participants to pursue mathematical inquiry and appreciate the profound impact of mathematics on our world. The event successfully highlighted the enduring relevance of Ramanujan's work and the importance of fostering a deeper understanding of mathematics in education and beyond.



