



12/23/2024

REPORT ON NATIONAL MATHEMATICS DAY



DEPARTMENT OF HUMANITIES AND SCIENCES

Report on the Celebration of National Mathematics Day at Malla Reddy College of Engineering

Malla Reddy College of Engineering (MRCE) celebrated National Mathematics Day on December 23-24, 2024, in a two-day event organized by the Mathematics faculty of the Department of Humanities and Sciences. Held in the ELCS Lab of MRCE, the program aimed to celebrate the contributions of mathematics to the advancement of science and technology while recognizing the profound impact mathematics has on our daily lives. The event also marked the birth anniversary of the legendary Indian mathematician, Srinivasa Ramanujan, in whose honor National Mathematics Day is celebrated every year on December 22.

The celebration brought together faculty members, students, and staff to appreciate and explore the critical role mathematics plays in engineering, technology, economics, and other fields. The event featured speeches by the Principal of MRCE, Dr. M. Ashok, along with the Head of the Department (HoD) of Humanities and Sciences, Dr. Sneha Joshi, and other faculty members. Additionally, students were given the opportunity to voluntarily speak on the importance of mathematics and its real-world applications.

Inaugural Session and Principal's Address

The celebrations began on December 23, 2024, with an official inaugural session held in the ELCS Lab at MRCE. The session commenced with a welcome note, followed by the lighting of the lamp, symbolizing knowledge and enlightenment. Dr. M. Ashok, the Principal of MRCE, delivered the inaugural address, emphasizing the importance of mathematics and its widespread applications.



In his speech, Dr. Ashok highlighted that mathematics forms the foundation of modern technology and is integral to various scientific fields, including engineering, computer science, physics, and even economics. He noted that National Mathematics Day serves as an excellent occasion to honor the contributions of mathematicians, particularly Srinivasa Ramanujan, whose groundbreaking work in number theory has had a lasting impact on mathematics globally.

Dr. Ashok shared that Ramanujan's legacy serves as an inspiration for students and mathematicians worldwide. He spoke about the relevance of Ramanujan's mathematical discoveries and how his work continues to shape research in modern mathematics. Dr. Ashok urged the students to appreciate the beauty and utility of mathematics, stressing that it is not just about solving equations or formulas, but about understanding the world and solving real-world problems.



“Mathematics is a universal language,” said Dr. Ashok. “It allows us to explain the complexities of nature, design advanced technologies, and find solutions to some of the most challenging problems facing humanity. By celebrating National Mathematics Day, we acknowledge its role in transforming the world around us.”

The Principal also highlighted how MRCE, as an engineering institution, integrates mathematical principles into its curriculum, empowering students to apply these concepts in their academic and professional careers. His speech set a reflective tone for the celebrations, encouraging students to engage deeply with mathematics.

Address by Dr. Sneha Joshi, HoD of Humanities and Sciences

Following the Principal's address, Dr. Sneha Joshi, the Head of the Department of Humanities and Sciences, shared her perspective on the importance of mathematics in education and daily life. She stressed that mathematics is the cornerstone of logical reasoning and analytical thinking, skills that are essential for engineers and professionals in the modern world.



Dr. Joshi also discussed how mathematics serves as a bridge between theoretical knowledge and practical application, enabling students to translate abstract concepts into tangible results. She encouraged the students to see mathematics as a dynamic and evolving field, one that requires continuous learning and problem-solving, especially in the rapidly changing technological landscape.

In her concluding remarks, Dr. Joshi acknowledged the efforts of the faculty in making the subject accessible and engaging for students and reiterated the department's commitment to providing high-quality education that empowers students to excel in their future careers.

In addition to Dr. Ashok and Dr. Joshi, several faculty members from the mathematics department also contributed to the celebrations. They shared insights into how mathematics has evolved over the years and its profound impact on technology, engineering, and society. Faculty members discussed the work of mathematicians from around the world, including Ramanujan, and their contributions to fields like number theory, algebra, and analysis.

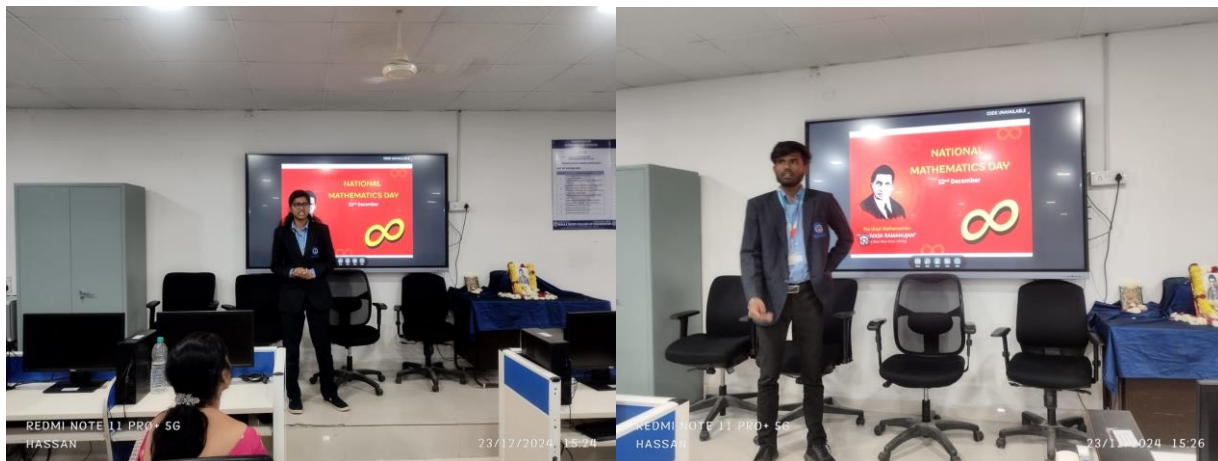


One faculty member spoke about the role of mathematics in solving real-world problems, such as those encountered in physics and engineering. He provided examples of how mathematical models are used to simulate natural phenomena, optimize engineering designs, and enhance technological innovations.

Another faculty member discussed the importance of mathematical education in developing critical thinking and problem-solving skills, which are crucial for students aspiring to become engineers and scientists. The faculty members' collective insights reinforced the central theme of the celebration: mathematics is not just a subject but a vital skill for navigating the challenges of the modern world.

Student Participation

A particularly engaging aspect of the celebration was the participation of students, some of whom volunteered to speak on the importance of mathematics and its applications in daily life. These student speakers shared personal stories and experiences about how mathematics has played a role in their academic journeys and their understanding of the world.



One student spoke about the widespread use of mathematics in everyday tasks, such as budgeting, shopping, and analyzing data. He explained that mathematics is an essential tool for making informed decisions and managing personal finances, and he encouraged his peers to embrace mathematical concepts with an open mind.

Another student highlighted the importance of mathematics in technology, specifically in the development of software and digital applications. She explained that mathematics is the foundation of algorithms, which are used in everything from search engines to social media platforms, and that understanding these algorithms can provide valuable insights into the world of technology.

The student speeches not only showcased the practical applications of mathematics but also encouraged other students to appreciate the subject beyond the classroom. Their presentations created a dynamic and interactive atmosphere, sparking thoughtful discussions on the role of mathematics in various fields.



The celebration of National Mathematics Day at Malla Reddy College of Engineering was a successful and engaging event that highlighted the importance of mathematics in everyday life and its foundational role in science and technology. The two-day program, which featured speeches by faculty members, interactive student presentations, and fun-filled competitions, succeeded in instilling a sense of pride and enthusiasm for mathematics among the students.

By honoring the contributions of mathematicians such as Srinivasa Ramanujan, MRCE provided a platform for students to reflect on the significance of mathematics in shaping the modern world. The event also reinforced the idea that mathematics is not just an academic discipline but a critical skill that students will continue to use throughout their professional lives.