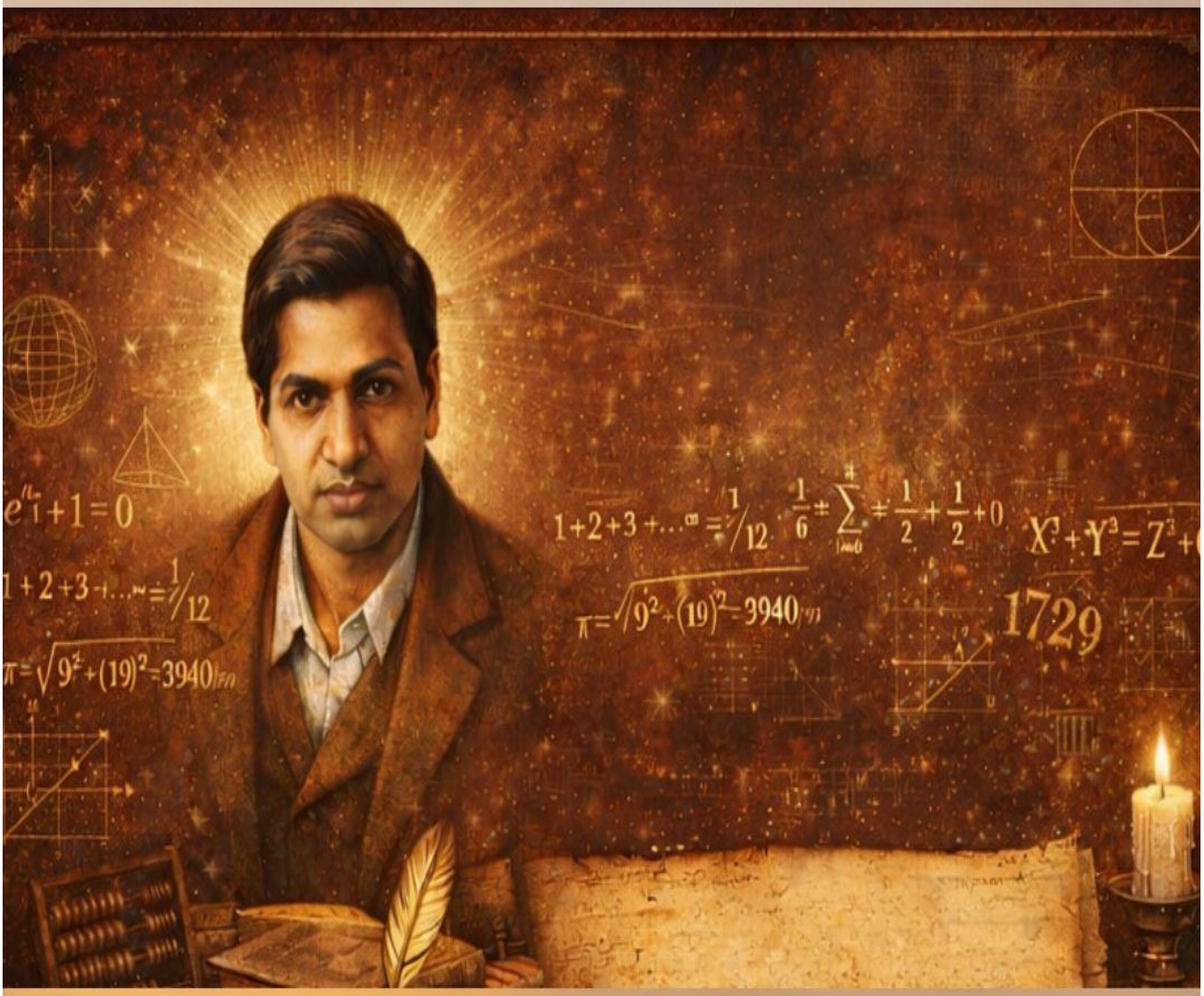
MALLA REDDY COLLEGE OF ENGINEERING



Report on "Infinite Insights: A Three-Day Math Quest"

on the Occasion of National Mathematics Day

Organized by **Department of Humanities & Sciences (Mathematics)**

Duration: 19 December – 22 December

“Infinite Insights: A Three-Day Math Quest” on the Occasion of National Mathematics Day

Organized by: Department of Humanities & Sciences (Mathematics)

Institution: Malla Reddy College of Engineering
Dates: 19 December – 22 December
Venue: Malla Reddy College of Engineering
Participants: B.Tech Students

Program Highlights

Infinite Insights: A Three-Day Math Quest was organized to celebrate **National Mathematics Day** and to commemorate the birth anniversary of **Srinivasa Ramanujan**. The program comprised **PowerPoint presentations, doubt clarification sessions, quiz and puzzle competitions, and a prize distribution ceremony with motivational talks**. The event aimed to strengthen students’ analytical abilities, logical reasoning, and appreciation for mathematics as the foundation of engineering and all professional careers.

Introduction

National Mathematics Day is celebrated annually on **22 December** to honour the birth anniversary of the legendary Indian mathematician **Srinivasa Ramanujan**, whose remarkable contributions continue to influence modern mathematics and scientific research. Mathematics is universally recognized as the *language of the universe*, forming the backbone of engineering, technology, data science, and innovation.

To mark this occasion, the **Department of Humanities & Sciences (Mathematics), Malla Reddy College of Engineering**, organized **“Infinite Insights: A Three-Day Math Quest”** from **19 December to 22 December**. The program was designed to inspire students to explore mathematics beyond textbooks, recognize its real-world applications, and develop a deeper understanding of its role in every career path.

Objectives of the Program

The key objectives of the program were:

- To create awareness about the importance of mathematics in engineering and all professional careers
- To enhance students’ analytical, logical, and problem-solving skills
- To encourage interactive learning through presentations and doubt clarification
- To promote healthy competition and teamwork through quiz and puzzle activities
- To honour the legacy of Srinivasa Ramanujan

Day-wise Program Details

Day 1 – 19 December | Inaugural Session & Awareness Program

The program commenced with an **inaugural session** led by **Dr. Sneha Joshi, Head of the Department of Humanities & Sciences.** In her inaugural address, she warmly welcomed the gathering and formally inaugurated *Infinite Insights: A Three-Day Math Quest*. She highlighted the significance of **mathematics as the foundation of all engineering disciplines**, emphasizing its vital role in nurturing **analytical, logical, and problem-solving skills** among students. She also encouraged students to view mathematics not merely as a subject, but as a powerful tool that drives innovation, research, and technological advancement.

Following the inauguration, **PowerPoint presentations** were delivered by both **faculty members and students** on the theme *"Why Mathematics is Important for Every Career."* The presentations provided insightful perspectives on the wide-ranging applications of mathematics in **engineering, computer science, data analytics, artificial intelligence, and real-life problem solving**. Real-world examples and practical applications were discussed, enabling students to understand the relevance of mathematics in diverse career paths and reinforcing its importance in professional and academic growth.

A **Doubt Clarification Session** was conducted after the presentations. Students freely interacted with faculty members and clarified their doubts related to mathematical concepts, applications, and career relevance. The interactive discussion helped students gain conceptual clarity and confidence in understanding mathematics.

Day 2 – 20 December: Academic Enrichment Activities

The second day of *Infinite Insights* was dedicated to **Quiz and Puzzle Competitions**, organised to enhance students' logical reasoning, analytical skills, and mathematical aptitude.

The **Puzzle Competition** included number-based puzzles, logical reasoning problems, and brain teasers that encouraged creative and critical thinking. The **Quiz Competition** covered topics from basic mathematics, engineering mathematics, and logical reasoning.

Students from various B.Tech branches enthusiastically participated, making the competitions engaging and intellectually stimulating. The activities promoted teamwork, healthy competition, and active learning among students.

Day 3 - 22 December- **Prize Distribution & Motivational Talks**

The third and final day of *Infinite Insights: A Three-Day Math Quest* was held on **22 December**, coinciding with **National Mathematics Day**, marking the birth anniversary of the legendary mathematician **Srinivasa Ramanujan**. The day was dedicated to celebrating student achievements and reinforcing the importance of mathematics in engineering and professional life.

The session began with a brief reflection on the significance of National Mathematics Day and the contributions of Srinivasa Ramanujan to the field of mathematics. This was followed by the **Prize Distribution Ceremony**, where the winners of the **Quiz and Puzzle Competitions** were honored for their outstanding performance, analytical thinking, and problem-solving abilities.

The prizes and certificates were distributed by **Dr. Maram Ashok, Principal, Malla Reddy College of Engineering**, and **Dr. Sneha Joshi, Head of the Department of Humanities & Sciences**. The presence of the dignitaries added great value to the occasion and motivated the students to strive for academic excellence.

On this occasion,**Dr. Maram Ashok,**, Principal, addressed the students and delivered an inspiring talk on the role of mathematics as the backbone of engineering, science, and technological advancement. He emphasized that a strong foundation in mathematics is essential for innovation, research, and problem-solving in all engineering disciplines. He encouraged students to develop logical reasoning, analytical thinking, and a positive attitude towards learning mathematics, stating that mathematical thinking plays a crucial role in shaping successful careers.

Following this, **Dr. Sneha Joshi**, Head of the Department of Humanities & Sciences, addressed the gathering. In her talk, she highlighted how mathematics serves as a universal language that connects all branches of engineering and science. She motivated students to approach mathematics with curiosity and confidence and to view challenges as opportunities for learning and growth. She also appreciated the active participation of students and the efforts of faculty members in making the three-day program a success.

The session concluded with the distribution of participation certificates, group photographs, and a vote of thanks to the dignitaries, faculty members, organizing committee, and students. The final day successfully reinforced the objectives of the workshop and left a lasting impact on the participants by celebrating both academic learning and student achievement.


Secunderabad, Telangana | 2025.12.22 15:48


CELEBRATING
NATIONAL
MATHEMATICS DAY
22nd DECEMBER
TRIBUTE TO
MALLA REDDY
COLLEGE OF ENGINEERING








Participation and Student Response

The program witnessed enthusiastic participation from students across various engineering disciplines. Faculty members of the Mathematics Department coordinated the activities effectively, ensuring smooth conduct of the program. Students actively engaged in all sessions, reflecting their keen interest and appreciation for mathematics

Impact and Outcomes

- The program had a significant impact on students:
- Improved awareness of the importance of mathematics in all career paths
- Enhanced analytical, logical, and problem-solving abilities
- Increased student-faculty interaction and collaborative learning
- Encouraged a positive and inquisitive attitude towards mathematics

Conclusion

Infinite Insights: A Three-Day Math Quest was a successful and impactful initiative organized by the **Department of Humanities & Sciences (Mathematics)** on the occasion of National Mathematics Day. The program effectively combined academic learning, interactive discussions, competitive activities, and motivational talks. It fulfilled its objectives by inspiring students to appreciate mathematics as a universal language essential for engineering and professional success.

HOD **PRINCIPAL**