

**Shri Ramakrishna College of Engineering, Science and Management,
Satna (M.P.)
(Internal Quality Assurance Cell - IQAC)**

Final Report Ref. N. IQAC 2025 SAKCESM019

National Mathematics Day 2025

Organized by: Department of Mathematics & IQAC

Sponsored/Conducted by: MPCST, Bhopal (Madhya Pradesh Council of Science and Technology)

College Name : Shri Rama Krishna College of Engineering Science And Management Satna MP.

Address : Near Entertainment Cinema , ring rode Bypass, Karhi Satna 485001 MP.

Title of The Programme : National Mathematics Day 2025

Program Date : 20 - 22 December 2025

& Full Address of Venue : Shri Rama Krishna College of Engineering Science And Management Satna MP. D – Block Ground Floor & Seminar Hall .

Target Group :

Target Group :	SC	ST	GEN	OBC	TOTAL PARTICIPATION	GIRL PARTICIPATION
Expected beneficiaries student (all activities participant)	32	55	71	57	215	60

Participation percentage :

SC = 14.58%

ST = 25.58%

OBC = 26.51%

GENERAL = 33.02%

FEMALE = 27.90%

Objective of Program :

The objective of the programme was to create awareness about the importance of Mathematics in education, science, and everyday life, and to develop logical thinking, analytical reasoning, and problem-solving skills among students. The programme aimed to motivate learners to appreciate Mathematics as a fundamental discipline essential for technological advancement and national development, while encouraging interest in innovative learning methods and higher studies in Mathematics and related fields.

- To promote interest and awareness about the importance of Mathematics in science, technology, and everyday life.
- To develop logical thinking, analytical ability, and problem-solving skills among students.
- To highlight the contributions of great mathematicians and their role in national development.
- To encourage innovative and activity-based learning of Mathematics.
- To motivate students to pursue higher studies and careers in Mathematics and related fields.

detail of the activities / program : The Mathematics Day programme commenced with an inaugural session highlighting the significance of Mathematics in academic and practical life. This was followed by an expert lecture focusing on the applications of Mathematics in science, technology, and daily problem-solving. Interactive sessions encouraged students to ask questions and actively participate in discussions, which helped in clarifying concepts and building interest in the subject.

Various academic activities such as mathematics quizzes, problem-solving exercises, and brain-teaser competitions were organized to enhance logical reasoning and analytical skills among

students. Students also presented short talks and demonstrations on mathematical concepts and famous mathematicians. The programme concluded with a valedictory session summarizing the outcomes of the event, appreciating student participation, and motivating learners to pursue excellence in Mathematics.

Detailed schedule of program : The Mathematics Day programme began with **registration and welcome** of participants, followed by the **inaugural session**, which included the lighting of the lamp and a welcome address highlighting the importance of Mathematics. An **introductory note** was presented to explain the objectives of celebrating Mathematics Day and its relevance to students and teachers.

This was followed by an **expert lecture** on the applications of Mathematics in science, technology, and everyday life. After the lecture, an **interactive question-answer session** was conducted to encourage student participation. Post this session, **academic activities** such as mathematics quizzes, problem-solving competitions, and student presentations were organized. The programme concluded with a **valedictory session**, feedback from participants, distribution of certificates, and a **vote of thanks**, marking the successful completion of the event.

Resource Persons :

Name : Mr. Sumit Kumar Gupta

Designation : Assistant Professor (Mathematics)

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Impact of the program / activity :

The Mathematics Day programmed had a positive impact on students by enhancing their interest and confidence in Mathematics. It helped develop logical thinking, analytical ability, and problem-solving skills through interactive lectures and academic activities. Students gained a better understanding of the practical applications of Mathematics, which reduced fear and increased curiosity towards the subject.

The programmed also encouraged active participation, teamwork, and academic enthusiasm among learners. Teachers benefited by gaining insights into innovative teaching approaches and student engagement strategies. Overall, the activity successfully created awareness about the importance of Mathematics in higher education, technology, and national development, leaving a lasting motivational effect on participants.

The Mathematics Day programmed created a positive learning environment by increasing students' interest and engagement in Mathematics. Through lectures, quizzes, and problem-solving activities, students were able to improve their logical reasoning, analytical thinking, and conceptual understanding. The programmed helped students realize the relevance of Mathematics in real-life situations, thereby reducing anxiety and building confidence in the subject.

The activity also promoted active participation, teamwork, and academic motivation among students. Teachers benefited from exposure to interactive and innovative teaching methods, which can be applied in regular classroom practices. Overall, the programme had a lasting educational impact by encouraging a positive attitude towards Mathematics and highlighting its role in scientific, technological, and national development.

The Mathematics Day programme was organized to enhance students' interest in Mathematics and to emphasize its importance in academic and practical life. The activities and expert talks encouraged logical thinking, problem-solving skills, and appreciation of mathematical contributions. The programme successfully motivated students and created awareness about the role of Mathematics in scientific and technological development.

The Mathematics Day programme was organized to promote awareness about the importance of Mathematics in education, science, and everyday life. The event provided a platform for students to understand how mathematical concepts develop logical thinking, analytical skills, and problem-solving abilities. Through lectures and interactive activities, participants were encouraged to view Mathematics as an interesting and practical subject rather than a difficult one.

The programme also highlighted the contributions of eminent mathematicians and the role of Mathematics in national and technological development. Active participation of students and teachers made the event meaningful and engaging. Overall, the celebration successfully inspired learners to strengthen their mathematical skills and develop a positive attitude towards the subject. National Mathematics Day is celebrated every year to commemorate the birth anniversary of the great mathematician Srinivasa Ramanujan and to promote the importance of mathematics in daily life. In this regard, our institution organized National Mathematics Day 2025 under the guidance of IQAC and with the support of MPCST, Bhopal.

Objectives of the Program

- To develop interest in mathematics among students
- To enhance analytical and logical thinking skills
- To encourage innovative ideas and problem-solving ability
- To promote awareness about the applications of mathematics

(Program Details)

The program was conducted successfully in the college campus with active participation from students and faculty members. Various academic and co-curricular activities were organized, including:

- Mathematics Quiz Competition
- Poster Presentation
- Mathematical Model Exhibition
- Expert Lecture on the importance of Mathematics

Participation

A large number of students from different departments participated enthusiastically in all the activities. Faculty members also guided and motivated students throughout the program.

Outcomes of the Program

- Students developed a better understanding of mathematical concepts
- Improvement in logical and analytical skills was observed
- Increased interest in mathematical research and applications
- Encouragement for teamwork and innovative thinking

Role of IQAC

IQAC played a crucial role in planning, organizing, and monitoring the quality of the program. The event was conducted in alignment with quality enhancement and academic excellence standards.

Conclusion

The celebration of National Mathematics Day 2025 was a great success. The program effectively achieved its objectives and provided a platform for students to showcase their talents and knowledge in mathematics. Such activities contribute significantly to the overall development of students and uphold the quality education standards of the institution.

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