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## *Mathematics Day*

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National Mathematics Day in India is celebrated every year on 22 December to honor the birth anniversary of the legendary mathematician Srinivasa Ramanujan.

Schools, colleges, and universities across India organize workshops, math quizzes, lectures, and competitions to promote mathematical learning.

At, RVITM we had the National Mathematics Day celebrated by conducting certain fun math events to students on Monday, 22<sup>nd</sup> December. The events conducted by The Mathematics Computing Club were Math Bingo, Puzzle Mania and Treasure Hunt.

### EVENTS DETAILS:

Mathematics Day 2025

### **Purpose of the Event**

Mathematics Day was organized to commemorate the birth anniversary of Srinivasa Ramanujan and foster enthusiasm for mathematics among undergraduate students. The primary objectives included promoting logical thinking, problem-solving skills, and collaborative learning in a fun, engaging format. By blending competitive games with educational puzzles, the event aimed to demystify advanced math concepts, encourage peer interaction, and highlight the practical applications of mathematics in computer science and everyday life. This aligns with institutional goals to nurture analytical minds and prepare students for challenges in fields like software development and cryptography.

### **Objective of the Event**

The primary objective of conducting Mathematics Day was to encourage students to develop interest in mathematics beyond textbooks, foster teamwork and critical thinking, and demonstrate that mathematics can be both fun and intellectually stimulating. The event also aimed to identify and appreciate mathematical talent among students.

### **Events Conducted**

The day featured three interactive events followed by a formal prize distribution ceremony. Approximately \_\_\_ students participated, with activities held in the college seminar hall, classroom and outdoor spaces.

- **Math Bingo:** Participants used bingo cards filled with mathematical expressions, equations, and constants (e.g., solving clues). As problems were announced, players marked solutions matching their cards. This event sharpened quick calculation skills and algebraic proficiency, lasting 30 minutes.



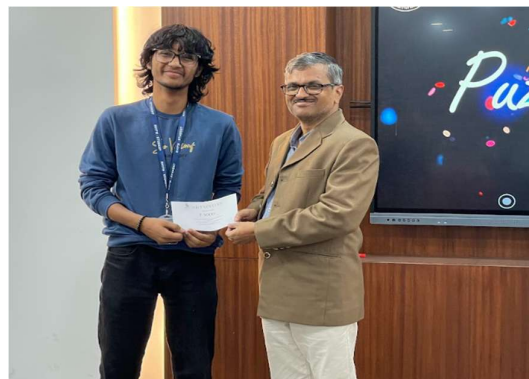
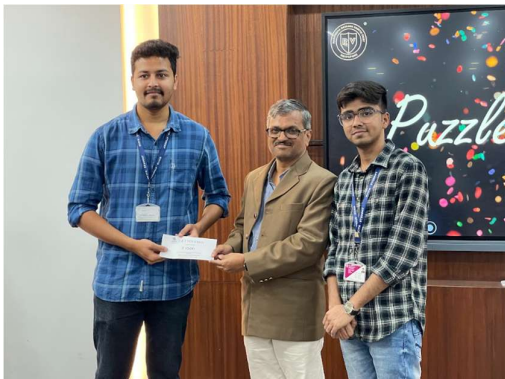
- **Treasure Hunt:** A campus-wide hunt with 6 clues based on geometry, number theory, and logic puzzles (e.g., decoding sequences using Fibonacci numbers or coordinate geometry to locate "treasures"). Teams navigated using hints tied to real-world math applications, promoting teamwork and spatial reasoning over 90 minutes.

- **Puzzle Mania:** A three-round team event for 1-2 members per group. Round 1 (Sudoku Challenge) qualified top teams. Round 2 (Mathematics Reasoning Quiz) advanced 75% of qualifiers via logical and numerical questions. Round 3 (Visual Rapid-Fire Quiz) tested finalists on math history, Ramanujan, and visuals, running for 90 minutes and culminating in a leaderboard showdown.



## Formal Prize Distribution

The events concluded with a 30-minute formal ceremony in the auditorium. Winners received certificates, and small prize money. principal vice principal and HOD members presented awards, shared insights on Ramanujan's contributions, and motivated participants.







## Outcomes and Recommendations

The event successfully engaged participants, with Treasure Hunt drawing the largest crowd (120 players) and Puzzle Mania yielding the highest skill demonstrations.

For future events, integrate digital elements to appeal to software development interests. Expand with guest lectures on Ramanujan's theorems and their cryptography links, plus metrics tracking such as solve times and error rates for competitive benchmarking. Add interdisciplinary workshops blending math with wellness and aim for more participants.

## Conclusion

The Mathematics Day celebrations were a great success, with enthusiastic participation from students. The events effectively conveyed that mathematics is not just about formulas and calculations but also about logic, creativity, and fun. The program helped in building confidence, improving problem-solving skills, and fostering a positive attitude toward mathematics. The prize distribution ceremony added a formal touch, recognizing talent and encouraging students to continue their mathematical journey with enthusiasm. Overall, the celebration achieved its goal of promoting mathematics as a subject of curiosity, creativity, and joy.