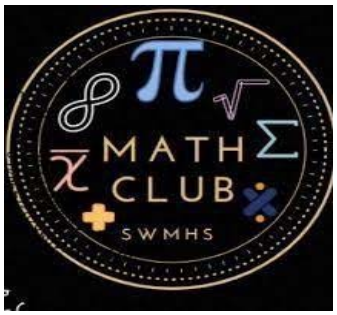
MATHCLUB



Introduction

The MATH Club at K.S.R College of Engineering is a group or organization focused on Exploring and enjoying mathematics beyond the standard classroom curriculum. It provides a space for students to engage in math-related activities such as solving challenging problems, participating in competitions, and learning about advanced or niche topics. Math clubs often encourage collaborative learning, foster problem-solving skills, and may offer opportunities for personal growth, such as preparing for math Olympiads or other math contests. They also promote a community where students can share their interest in math, discuss theories, and support each other's academic pursuits.

Vision

The vision of a math club is to inspire a passion for mathematics and create a collaborative environment where students can explore its beauty and real-world applications. It aims to foster critical thinking, problem-solving skills, and creativity, encouraging members to deepen their understanding of math beyond the classroom. The club seeks to cultivate a supportive community where students of all levels can come together, challenge themselves, and grow, while also providing opportunities for participation in competitions, workshops, and outreach programs. Ultimately, the vision is to make mathematics enjoyable, accessible, and engaging for all students.

Objectives

- Promote Mathematical Interest: Foster for mathematics and encourage curiosity beyond the standard curriculum.
- Provide opportunities for members to solve challenging and diverse math problems, improving analytical thinking.
- Create a supportive environment where students can work together, share ideas, and learn from one another.
- Help members prepare for math contests, Olympiads, and other competitive events, developing both individual and team skills.
- Help members prepare for math contests, Olympiads, and other competitive events, developing both individual and team skills.
- Strengthen logical reasoning and critical thinking abilities, which are applicable across various academic disciplines.
- Develop a community where students of all skill levels feel welcome and can share their enthusiasm for math.

Members of Math Club @KSRCE

S. No	Name of Faculty &Designation	Position
1	Dr. P.Meenakshi Devi, Principal	Convener
2	Dr.V.Revathi,Vice Principal	Co-Convener
3	Dr.R.Nandakumar,Vice Principal	Co-Convener
4	Mrs.S.Jeyabharathi, AP/Maths Mrs.E.Praveena, AP/Maths	Faculty Coordinators

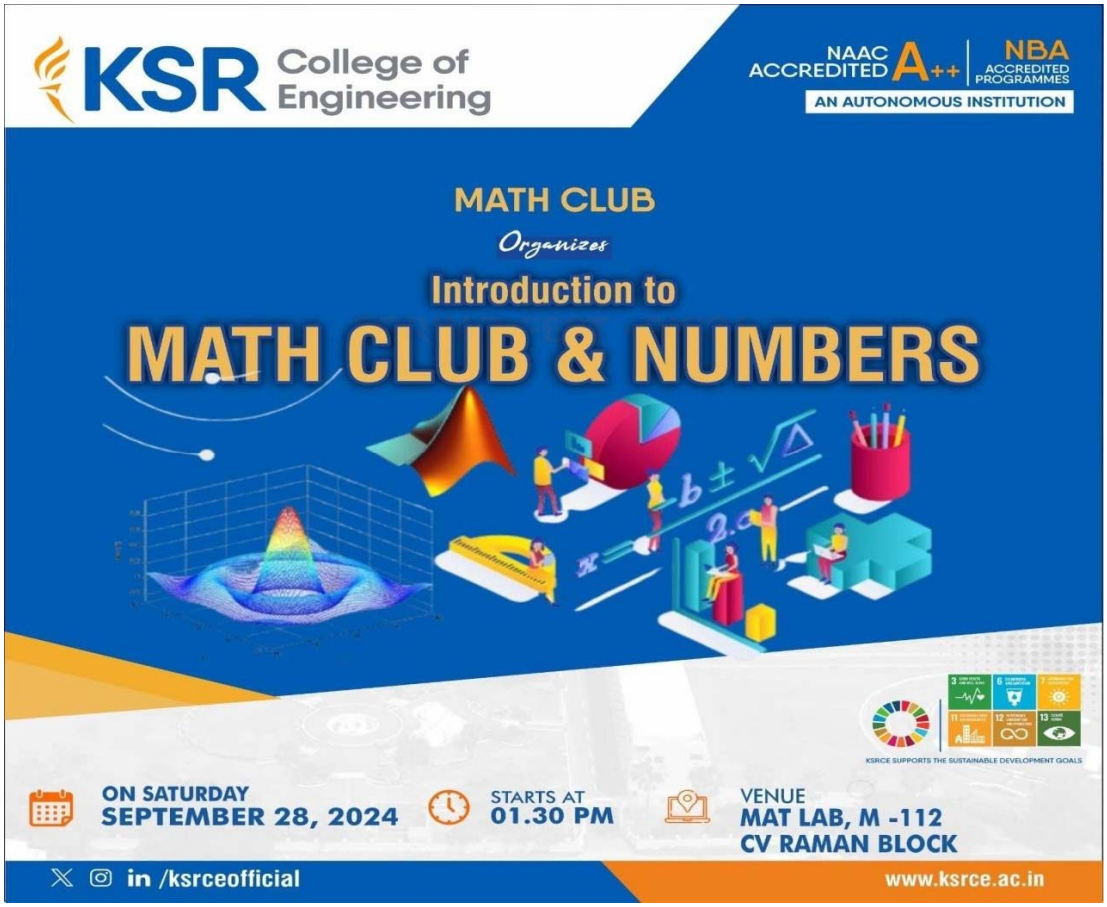
Office bearers:

S. No	Name of the Student	Position
1	Harikrishna.K,ICSE-B	President
2	Jawahar.S,IECE -A	Vice- president
3	Poojadharshini.P-IOT	Secretary
4	Harish.D-IECE-A	Joint secretary
5	Gokul.S-IECE-A	Treasurer
6	Madhumithra.E-I ECE -B	Executive Member
7	Manish.S-IECE-B	Executive Member
8	Karthick.A-IECE-C	Executive Member
9	Sudarsanam.K-IECE -C	Executive Member
10	Suganesh.R-IECE-C	Executive Member
11	Ummezuhan.N-IECE-C	Executive Member
12	Zulfiya.Z-IECE-C	Executive Member
13	Ramamoorthi.D–IEEE-B	Executive Member
14	Shalini.B–IEEE-B	Executive Member
15	SubaShri.P–IEEE-B	Executive Member
16	Vigneshwaran.S–IEEE-B	Executive Member
17	Dharunraj.K-IEEE-A	Executive Member
18	Gnanaratchagan.G-I EEE-A	Executive Member
19	Chandru.P-IEEE-A	Executive Member
20	Dharshan.S-I EEE-A	Executive Member

Event-1: Introduction to MATH CLUB & Numbers

Date: 28.09.2024 **Time: 1.30 pm** **Venue: M112, Matlab**

K.S.R College of Engineering celebrated 'Introduction to MATHCLUB & Numbers' with an inspiring event organized by Math Club. A Math Club is a community of students, enthusiasts, or professionals who gather to explore and enjoy the world of mathematics. The club serves as a space for learning, solving problems, and discussing mathematical concepts in a collaborative and fun environment. Members may engage in activities such as puzzles, mathematical games, competitions, and learning sessions that range from elementary arithmetic to advanced topics like algebra, calculus, and number theory.

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Events-2: Math Tricks

Date: 26.10.2024 **Time:** 1.30 pm **Venue:M112, Matlab**

Math tricks are clever shortcuts, patterns, or techniques that make solving mathematical problems faster and easier. These tricks often rely on properties of numbers and operations that simplify calculations or reveal hidden patterns. They can be fun and engaging, helping students to build confidence in math.


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Event-3: Fun Math's

Date: 09.11.2024 **Time:** 1.30 pm **Venue: M112, Matlab**

K.S.R College of Engineering organized Fun math refers to exploring mathematics in a playful, engaging, and creative way. It focuses on making math enjoyable and accessible, often through puzzles, games, and interesting problems that stimulate curiosity and problem-solving skills. Fun math encourages people to see math not as a dry, challenging subject but as a tool for discovering patterns, solving puzzles, and even creating art.


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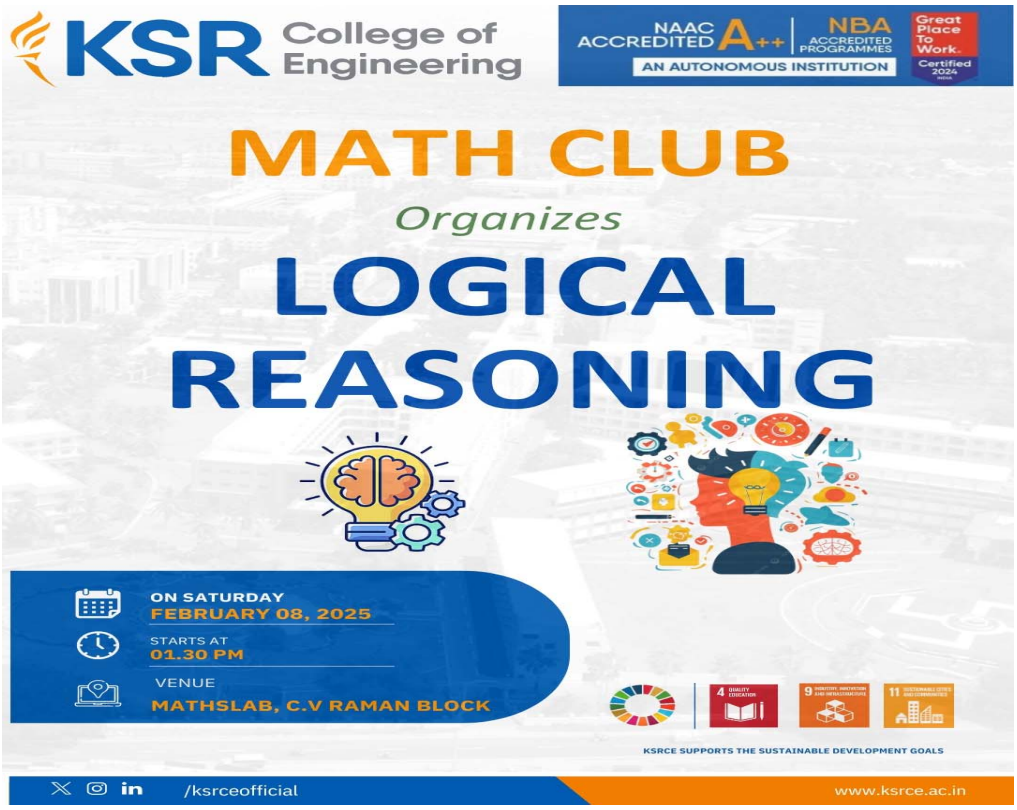
Event - 4: Logical Thinking

Date: 08.02.2025 **Time: 1.30 pm** **Venue: M312, Mathlab**

The Math Club organized a highly engaging and thought-provoking program centered on logical reasoning, aimed at enhancing participants' problem-solving skills and analytical thinking. The event was designed to introduce attendees to the fundamentals of logical reasoning, applying various techniques and strategies to approach mathematical puzzles and challenges. Participants were introduced to different types of logical arguments, such as deductive reasoning, inductive reasoning, and analogies. The session focused on teaching practical strategies to solve logic problems more efficiently, such as breaking down problems into smaller components, identifying patterns, and applying process of elimination techniques.

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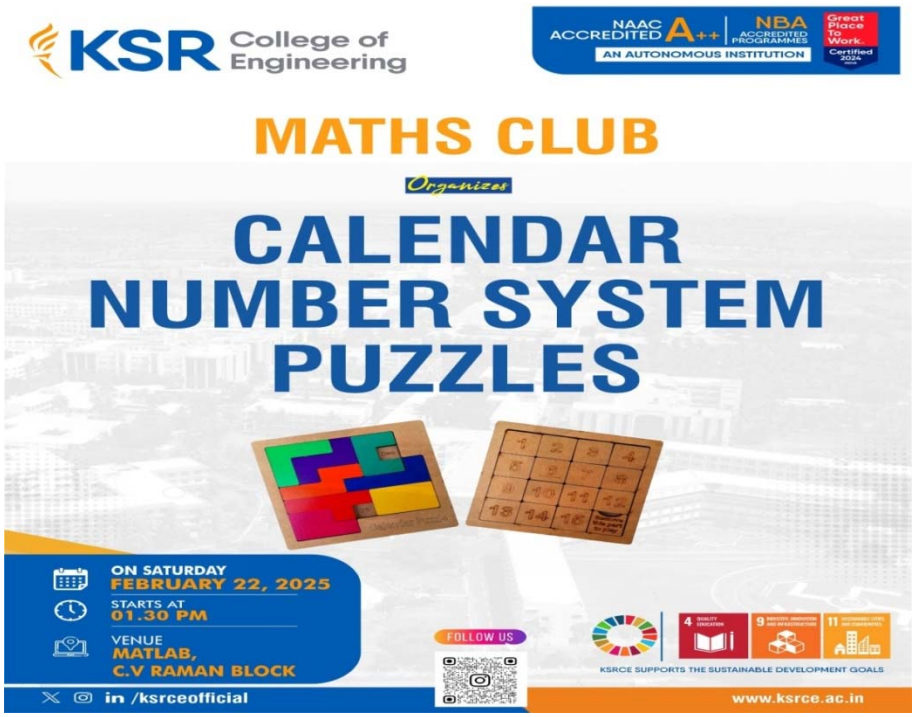
Event - 5: Calendar, Number system

Date: 22.02.2025 **Time: 1.30 pm** **Venue: M112, Matlab**

The program on the calendar and number system was insightful, as it helped us understand the relationship between dates, time, and numerical patterns. The activities involving the calendar and number systems were both fun and educational, providing a fresh perspective on concepts we often take for granted. The program on number systems was a great way to dive deeper into understanding how different cultures and civilizations have developed their methods for counting and measuring time. The discussion about number systems opened up new ways of thinking about numbers, while the calendar-focused activities helped illustrate the practical applications of math in everyday life. The math club's exploration of different number systems and their connection to calendars was a valuable experience that expanded my understanding of both historical and modern math.

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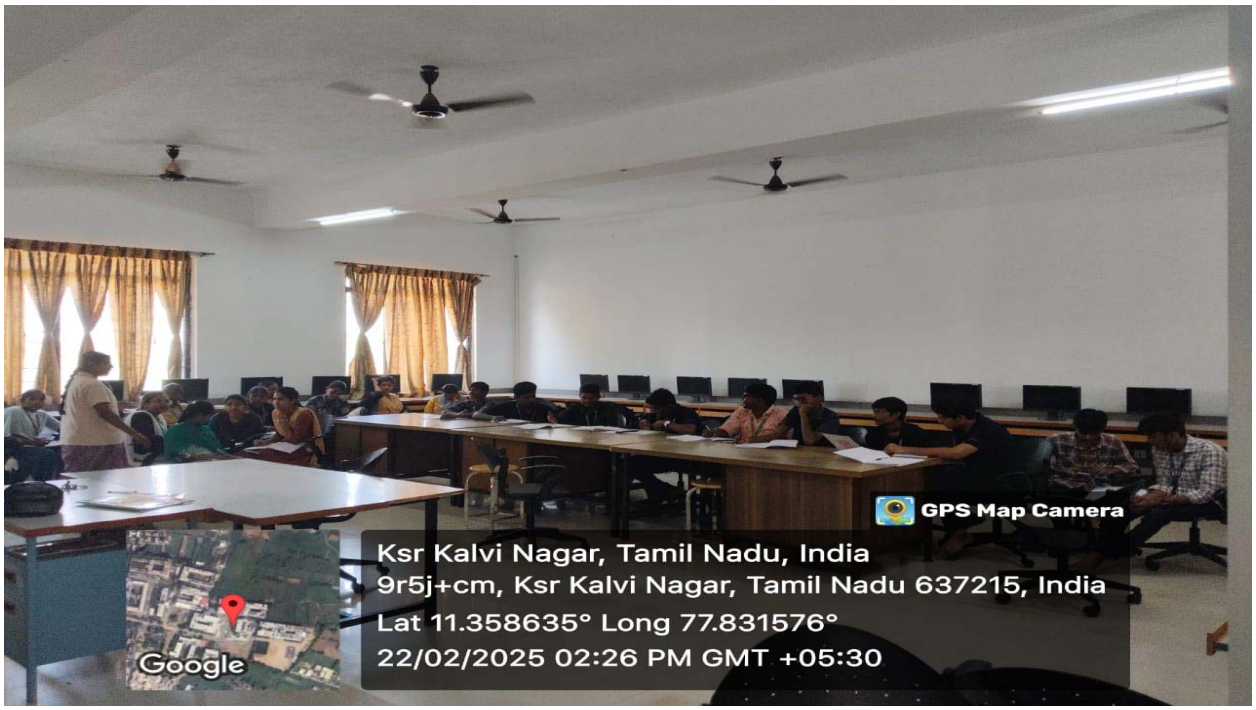
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Event - 6: Analogies and Fibonacci series

Date: 22.03.2025 **Time: 1.30 pm** **Venue: M112, Matlab**

An educational session was conducted to enrich students' logical thinking and mathematical appreciation through two key topics: **Analogies** (from logical reasoning) and the **Fibonacci Series** (from mathematics). The aim was to foster critical thinking and pattern recognition skills. Students developed an appreciation for mathematical patterns in nature and understood the importance of sequence logic in both theory and real-world contexts. Students improved their verbal reasoning and were able to identify different types of relationships between objects or ideas, which is useful for competitive exams and real-world problem-solving. The session successfully introduced students to analogical reasoning and mathematical patterns. Both topics emphasized the importance of identifying relationships and understanding sequences, which are foundational skills in logical reasoning and mathematics.


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