



## Poster Presentation on Math Behind Modern Technology

15<sup>th</sup> May, 2026 | 2:00 PM - 5:00 PM

Venue: Acharya Institute of Technology, Bengaluru

### About the Program

A poster presentation is a structured and intentional initiative designed to enhance the overall growth, learning and well-being of students. It is a creative and visual way to explore, explain, and share mathematical ideas, problems, or applications. It combines both visual elements (charts, diagrams, graphs, images) and textual explanations to make complex concepts more accessible and engaging. These programs are often implemented to support students in various aspects of their lives, including academic, personal, social, and career development. The primary objective of this program is likely to equip students with essential mathematical techniques relevant to their engineering and technology studies. The aim is to bridge the gap between theoretical mathematical concepts and their applications in engineering and technology.

#### Objectives of the Program

- To illustrate how mathematical concepts are applied in modern technologies.
- To help students connect theoretical mathematics with real-world applications.
- To introduce key mathematical ideas used in fields such as artificial intelligence, data science, cryptography, and networking.
- To enhance analytical and problem-solving skills through practical examples.
- To create awareness about the importance of mathematics in technological advancements.

#### Expected Outcomes of the Program

- Identify the role of mathematics in modern technologies.
- Develop critical thinking and logical reasoning skills.
- Relate mathematical theories to technological tools they use daily.
- Improve their presentation and communication skills through poster explanation.

**Target Audience:** First year Block, AIT

### Committee Members

#### ADVISORY COMMITTEE

- Dr. C. K. Marigowda, Principal, AIT
- Dr. Rajanna K R, Professor & Dean-Student Affairs, AIT
- Dr. Satish K, First year Coordinator, AIT
- Dr. Mahesh S S, First year Coordinator, AIT

#### CONVENER

- Dr. T Rami Reddy, HOD - Mathematics, AIT

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#### Acharya Institute of Technology

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#### Event Coordinator

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