



# Equation Art

## Mathematical Visualization Through Equation

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

Venue: Acharya Institute of Technology, Bengaluru

### About the Program

Mathematics is often seen as a subject of numbers and formulas, but it also holds immense creative potential. This program is designed to reveal the artistic and visual beauty of mathematics by transforming equations into engaging graphical patterns and designs. Through interactive demonstrations and activities, students will explore how mathematical concepts can be represented visually using graphs, curves, and geometric patterns.

The event aims to bridge the gap between abstract mathematical ideas and their real-world interpretations. By observing how equations translate into visual forms, students will develop a deeper understanding of mathematical relationships and their applications. This approach not only enhances conceptual clarity but also fosters creativity and analytical thinking.

By the end of the program, students will gain the ability to interpret graphs effectively and appreciate mathematics as both a logical and artistic discipline. The experience encourages learners to view mathematics from a new perspective—where logic meets creativity.

#### Objectives of the Program

- To demonstrate the creative side of mathematics through visual representations of equations.
- To help students understand mathematical concepts using graphs, curves and patterns
- To enhance understanding of graphical interpretation of equations, including linear, quadratic, trigonometric, and parametric forms.
- To develop students analytical and problem solving skills through exploration of equations and their visual outcomes.

#### Expected Outcomes of the Program

- Understand how mathematical equations can generate visual patterns and designs.
- Interpret graphs as visual representations of mathematical relationships.
- Design unique patterns and artworks using algebraic, trigonometric and parametric equations
- Develop creative thinking skills by combining Mathematical logic with artistic expression

**Target Audience:** First Year BE students of AIT

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### Committee Members

#### ADVISORY COMMITTEE

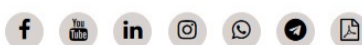
- Dr. C. K. Marigowda, Principal, AIT
- Dr. Rajanna K R, Professor & Dean-Student Affairs, AIT
- Dr. Satish K, HOD-Chemistry & First Year Coordinator, AIT
- Dr. Mahesh S S, Professor & First Year Coordinator, AIT

#### CONVENER

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

#### COORDINATORS

- Dr. Riyaz Ur Rehman A, Assistant Professor, Department of Mathematics, AIT
- Mrs. Anitha R, Assistant Professor, Department of Mathematics, AIT



#### Acharya Institute of Technology

Acharya Dr. S. Radhakrishnan Road, Acharya P.O  
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#### Event Coordinator

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Assistant Professor,  
Dept. of Mathematics, AIT