

I²IT ACM Student Chapter

Event Report

Academic Year 2024-25, Semester-II

Date: 05/02/2025

Name of Event Coordinator (s): Prof. Prashant Mandale
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1. **Name of Event:** Guest Lecture on "Mathematical Modelling in Computer Science"
2. **Date of Execution:** 03/02/2025
3. **Duration of Event (hours/days):** 2 hr
4. **Number of Participants:** 152
5. **Sanctioned Budget (if applicable):** 5000
6. **Total Expenditure:** 0
7. **Enclosures (check list):** Tick

	Permission from Head of Institute
	Flyer (if any)
	Expert Person Profile
	Registration Details
	Expense Details with Receipts
	Photographs
	Attendance Sheets
	EO-PO/PSO Attainment

Objective of the Event:

EOB1: Introduce students to the role of mathematics in computer science, focusing on computational models.

Outcomes of the Event:

EO1: Students will gain a deeper understanding of the use of mathematics in computational models.

EO-PO-PSO Mapping Matrix

EO\PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
EO1	2	3	0	2	0	3	0	0	1	2	0	2	2	0	0	2

Prof. Prashant Mandale
ACM Faculty Sponser

Prof. Prakash Kshirsagar
CS ACM Coordinator

Dr. Jyoti Surve
HOD, Dept. of IT

Dr. Ajitkumar Shitole
HOD, Dept. of Comp

Event Report

“Mathematical Modelling in Computer Science”

Academic Year: 2024-2025 SEM-II

Name of Event: Guest Lecture on “Mathematical Modelling in Computer Science”

Date and Time of Event: 03/02/2025, 10:30 AM to 12:30 PM.

Venue: Convention Centre (CC), Academic Building

Targeted Audience: TE and SE students

Number of Participants: 152

Event Coordinator: Prof. Prashant Mandale

Activity Description:

The I²IT ACM Student Chapter, under the ACM Eminent Speaker Program (ESP), successfully organized an insightful guest lecture on the topic "*Mathematical Modelling in Computer Science*" on February 3, 2025, from 11:00 AM to 12:30 PM at the Convention Centre (CC). The lecture aimed to highlight the critical role of mathematics in computing, particularly for students interested in advanced computer science.

The event featured **Dr. Abhijat Vichare**, a distinguished **Ph.D. in Physics and an ACM India-affiliated expert**, as the speaker. Dr. Vichare provided an in-depth understanding of how mathematics aids in modelling both the physical world and computational problems. Using simple examples from **logic and physics**, he demonstrated various computational models and how mathematical principles help solve real-world computing challenges. The session was structured to bridge the gap between theoretical mathematics and practical applications in computer science, ensuring that students could grasp its significance in solving computational problems and understanding complex systems.

Conclusion:

The guest lecture on *Mathematical Modelling in Computer Science* was an **enriching and intellectually stimulating experience** for all attendees. Dr. Abhijat Vichare's expertise and engaging delivery ensured that students gained a **deeper appreciation of mathematical principles** in computational problem-solving.

The event successfully met its objectives:

- **Students understood** the role of mathematical models in computer science and their applications in computational problem-solving.
- **Attendees learned** how mathematical thinking enhances their ability to understand complex systems.

The **overwhelmingly positive feedback** from students highlighted their appreciation for the depth of knowledge shared and the engaging nature of the session. The **I²IT ACM Student Chapter is commended** for organizing an event that contributed significantly to students' academic and professional growth. Such initiatives strengthen interdisciplinary learning and prepare students for advanced challenges in computer science.

Glimpse of Event:



Welcome of Dr Abhijat Vichare by Dr Jyoti Surve, HoD IT



Session delivery by Abhijat Sir



Anchoring by ACM Team Member



Click during the session



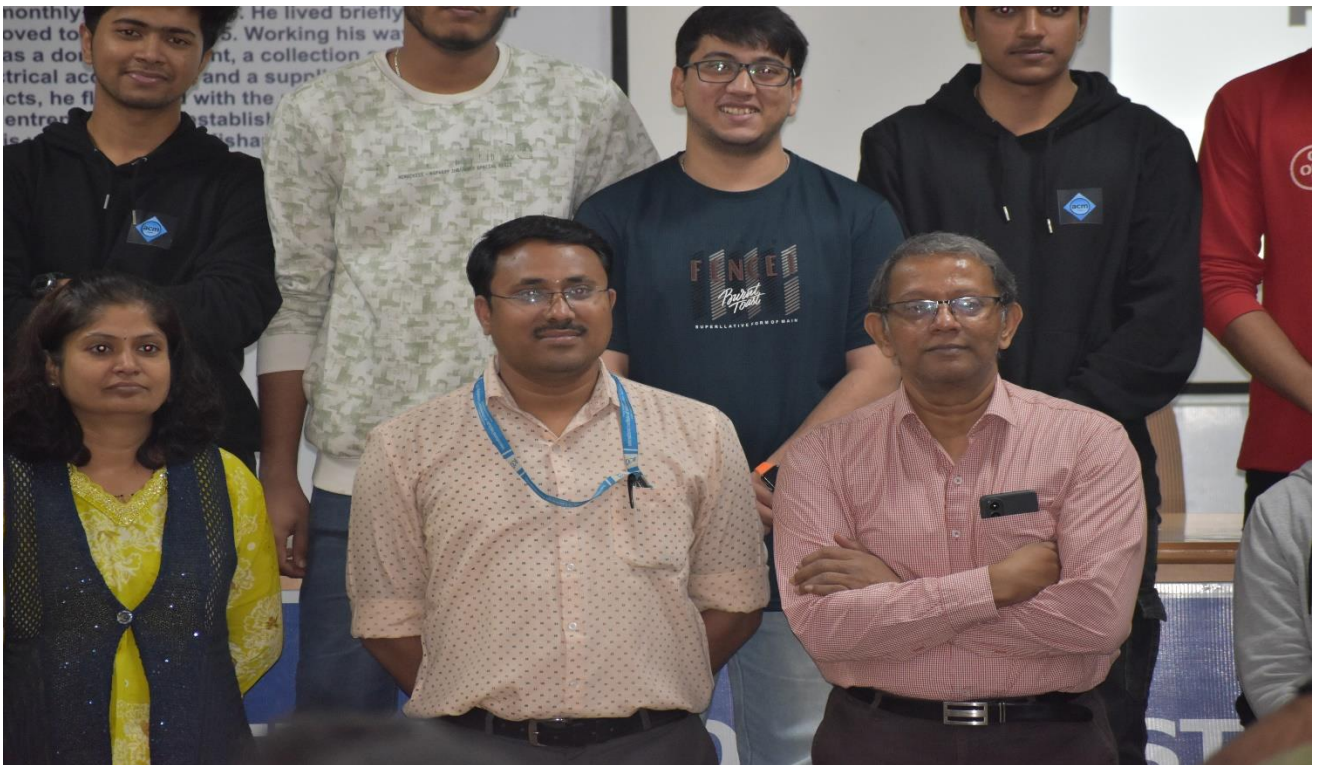
Faculty and Student Audience



Student Audience



Group Photo of ACM Team, Faculties and Dr. Abhijat Vichare



Group Photo

Prof. Prashant Mandale
ACM Faculty Sponsor

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