



A J INSTITUTE OF ENGINEERING AND TECHNOLOGY

NH-66, Kottara Chowki, Mangaluru -575006, D. K District, Karnataka, INDIA.

A Unit of Laxmi Memorial Education Trust®

(Approved by AICTE, New Delhi. Affiliated to Visveswaraya Technological University,
Belagavi)

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Date:28/03/2026

Report on “MECHMIND – Crack the GATE”

Name of the Program:	MECHMIND- Crack the GATE	Program Dates & Timings:	28-03-2026 9.30 AM	
Name & Details of the Resource Person:	-			
Organized by (Clubs/ Dept.)	ARMS	In Association with (clubs)		
Number of Participants	Students	18	Faculty	04
Program Outcome (PO) Mapping	PO1, PO2, PO9, PO12			
Coordinators	Dr. Vighnesha Nayak, Dr. Nithesh K			

About the Program:

The Department of Mechanical Engineering, under the banner of the Association of Royal Mechanical Students (ARMS), organized a technical quiz program titled “**MECHMIND – Crack the GATE**” on 28th March 2026 at Room B-206, AJ Institute of Engineering and Technology, Mangaluru.

The primary objective of this program was to enhance the technical competency of students by exposing them to GATE-oriented questions and improving their problem-solving skills. The quiz was specifically designed for 2nd and 3rd year Mechanical Engineering students to strengthen their understanding of core subjects and prepare them for competitive examinations like GATE.

The event commenced with a brief introduction highlighting the importance of competitive exams in shaping engineering careers and the role of conceptual clarity in achieving success. The quiz consisted of multiple rounds covering various core mechanical engineering subjects such as Thermodynamics, Strength of Materials, Fluid Mechanics, Manufacturing Processes, and Engineering Mathematics. Students actively participated in the quiz, demonstrating



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enthusiasm and competitive spirit. The questions were carefully curated to reflect the standard and pattern of GATE examinations, focusing on conceptual understanding, analytical ability, and application-based problem solving. Following the quiz, a detailed answer discussion session was conducted. This session played a crucial role in helping students understand the correct approach to solving problems, clarifying doubts, and learning efficient problem-solving techniques. Faculty members guided the discussion, explaining concepts and shortcuts wherever applicable.

The program was concluded with a vote of thanks, expressing gratitude to the Management of AJIET, Principal, Head of the Department, faculty coordinators, and student organizers for their continuous support and efforts in making the event successful. Overall, the MECHMIND quiz proved to be an effective and enriching initiative, motivating students to prepare for GATE and similar competitive examinations with greater confidence and determination.

Objectives: The program session enabled students to

1. To improve technical knowledge through exposure to GATE-oriented questions.
2. To enhance problem-solving and analytical skills in core mechanical engineering subjects.
3. To familiarize students with the pattern and difficulty level of competitive examinations like GATE.
4. To encourage students to develop a competitive mindset and time management skills.
5. To bridge the gap between academic learning and competitive exam preparation.

Outcomes: On successful completion of program, the student should be able to:

1. Understand the structure and approach required to solve GATE-level technical questions.
2. Strengthen their conceptual knowledge in core mechanical engineering subjects.
3. Demonstrate improved analytical thinking and problem-solving abilities.



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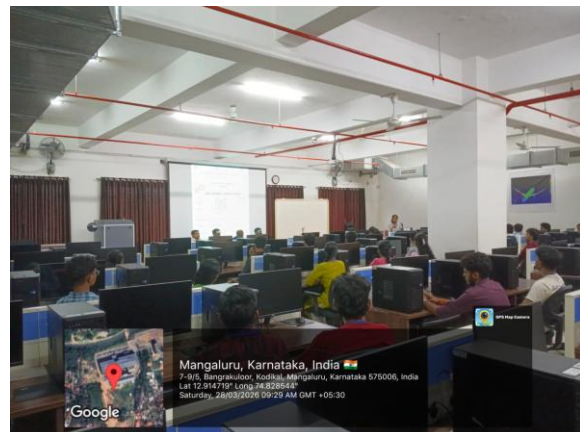
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4. Identify their strengths and areas of improvement for competitive exam preparation.
5. Develop motivation and confidence to pursue GATE and other technical competitive examinations.

Articulation Matrix:

Course Outcomes	Program Outcomes											
	1	2	3	4	5	6	7	8	9	10	11	12
1	3	2	-	-	-	-	-	-	1	-	-	1
2	2	3	-	-	-	-	-	-	1	-	-	1
3	3	2	-	-	-	-	-	-	1	-	-	1
4	2	2	-	-	-	-	-	-	1	-	-	1
5	2	2	-	-	-	-	-	-	1	-	-	1
Average	2.4	2.2	-	-	-	-	-	-	1	-	-	1

Photos:





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Photos of MECHMIND – Crack the GATE

Event Coordinators

HOD

Dean (Academics)

Principal

For information: Vice president, LMET



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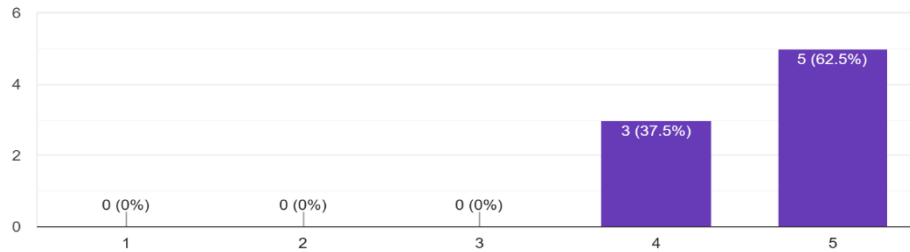
Date: 30/03/2026

FEEDBACK ON “MECH MIND CRACK THE GATE”

Feedback Link: <https://forms.gle/uyWwB792XQjXMeLg7>

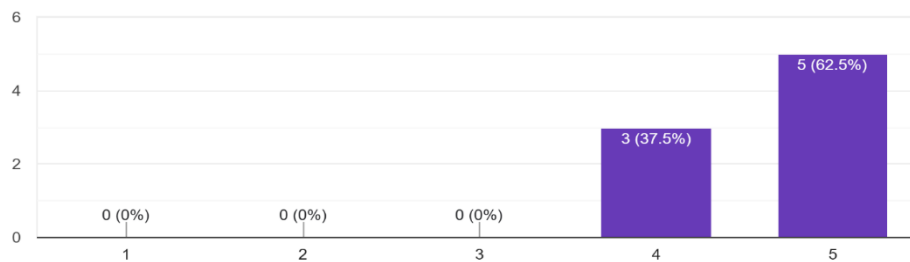
1. How would you rate the overall competition experience?

8 responses



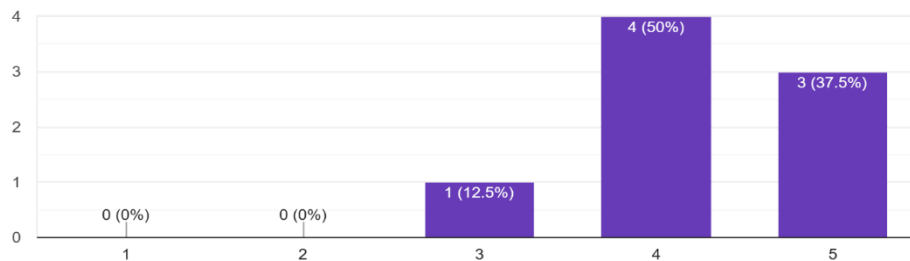
2. How well was the event organized?

8 responses



3. How would you rate the difficulty level of the exam?

8 responses





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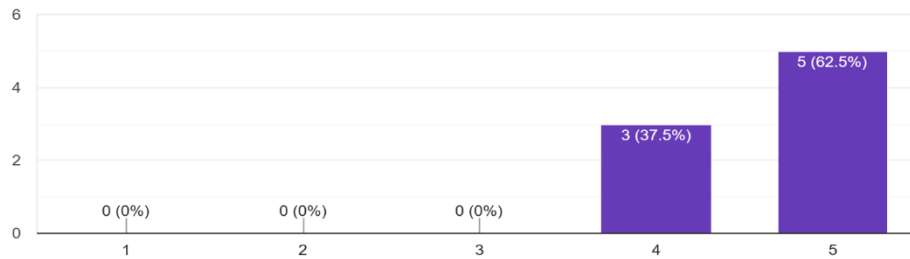
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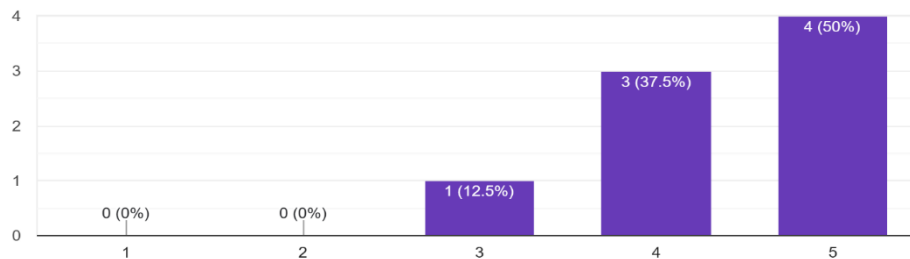
4. Was the time allotted sufficient?

8 responses



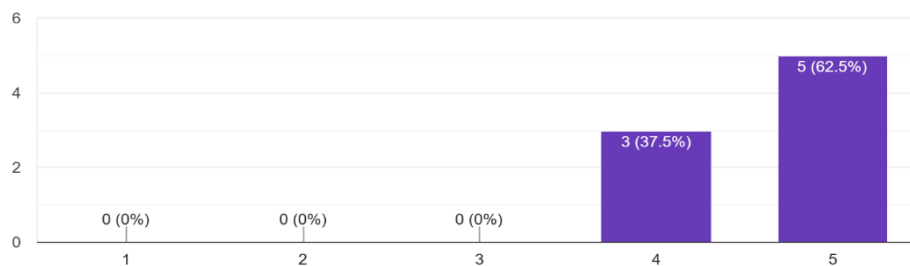
5. How satisfied were you with the clarity of the questions in the exam?

8 responses



6. Did the program cover all topics necessary for the GATE exam?

8 responses



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Principal

For information: Vice president, LMET