

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)

Accredited by NAAC & NBA (BE: CV, CSE, ECE, ISE, ME)

Date: 29/03/2026

REPORT ON “CAED DESIGN COMPETITION”

Name of the Program:	CAED Design Competition	Program Dates & Timings:		28 th March 2026, 9.30 AM	
Name & Details of the Resource Person:	-				
Organized by	ARMS	In Association with (clubs/Dept.)		-	
Number of Participants	Students	38	Faculty	02	External participants
					-
Program Outcome (PO) Mapping	PO1, PO5, PO8, PO9,				
Coordinators	Dr. Vighnesha Nayak and Mr.Sudheer Kini K				
Expenditure	-	Social Media Link	Instagram link: https://www.instagram.com/p/DNw47jiUE3P/?utm_source=ig_web_copy_link&igsh=MzRIODBjNWFIZA== Facebook link: https://www.facebook.com/share/p/1XjyyvfEee/		

About the Program:

The Department of Mechanical Engineering, under the banner of the Association of Royal Mechanical Students (ARMS), organised a CAED DESIGN COMPETITION event on 28th March 2026 at AJIET, SOFTWARE LAB-2, BLOCK B-106 for students of Mechanical Engg... Computer-aided Engineering design is the process of digitally creating design simulations of real-world goods and products in 2D or 3D modelling complete with scale, precision, and physics properties to optimize and validate the design often in a collaborative manner before manufacturing. Civil Engg., drawings like plan, elevation and detailing of structures are usually done using the CAED. The event started at 9.30 AM and concluded at around 12.30 PM. Each participant was given a drawing to draw using Fusion-360 Software. The drawing to be made with proper dimensioning. Event was successfully coordinated by the ARMSs committee Coordinator Dr. Vighnesha Nayak , Dr. Nithesh K and along with student coordinators.

Winner Details:

Sl. No.	NAME	USN/ROLL NO	YEAR	BRANCH	PRIZE
1	VARUN D	4JK23ME044	3 rd	ME	I
2	VARUN M ANCHAN	4JK23ME045	3 rd	ME	II
	ADHIL RAJ	4JK23ME003	3 rd	ME	II

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Objectives: The program enable students to

- Enhance technical skills in computer-aided design using modern CAD software.
- Encourage creativity and innovation in designing engineering components and models.
- Improve problem-solving ability through practical design challenges.
- Develop proficiency in 2D drafting and 3D modeling techniques.
- Promote teamwork, time management, and presentation skills among participants.

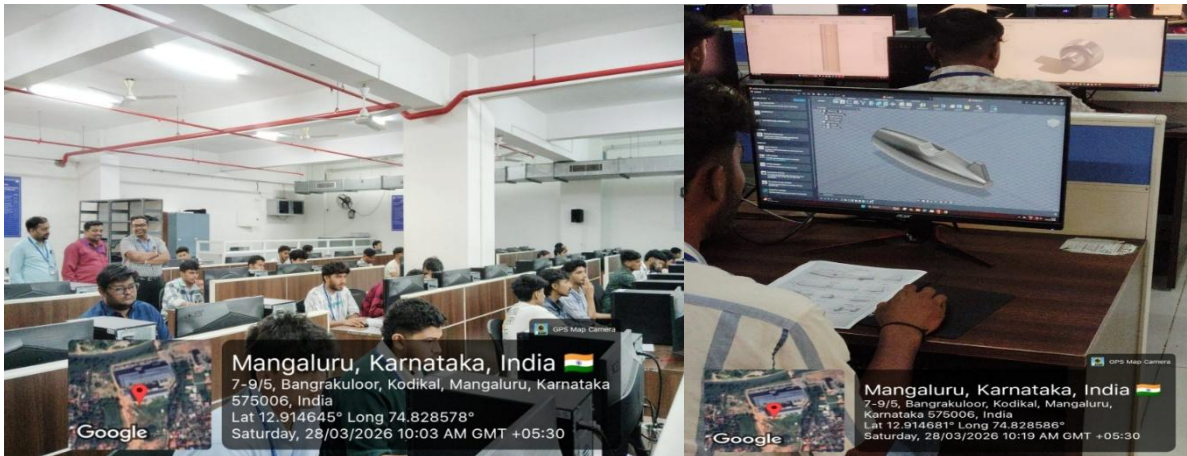
Outcomes: On successful completion of program, the student should able to:

1. Develop the ability to create accurate and detailed 2D and 3D CAD models.
2. Apply design principles and engineering knowledge to solve real-world design problems.
3. Demonstrate creativity and innovation in conceptualizing and presenting CAD designs.

Articulation Matrix:

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

Photos:



Photos of CAED Design Competition

Event Coordinators

HOD

Dean Academics

Principal

For Information: Vice President, LMET

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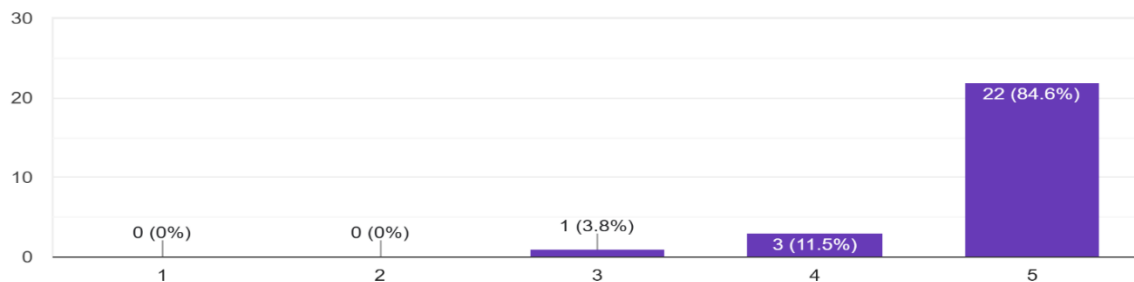
Date: 29/03/2026

FEEDBACK ON “CAED DESIGN COMPETITION”

Feedback Link: <https://forms.gle/14Q221nrSN3bq6Mh8>

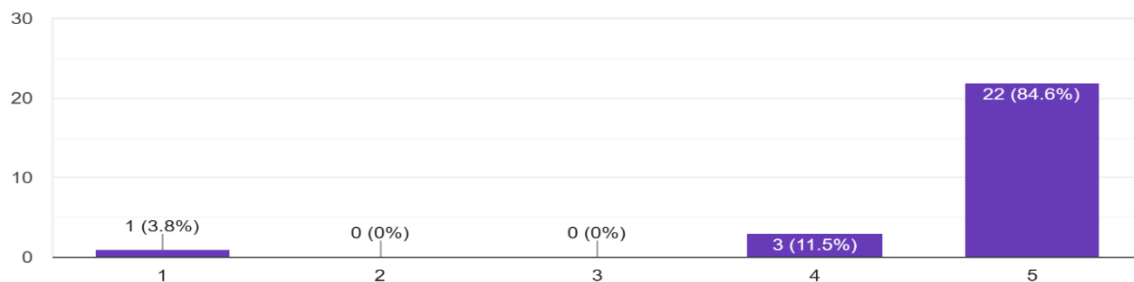
1. How would you rate the overall competition experience?

26 responses



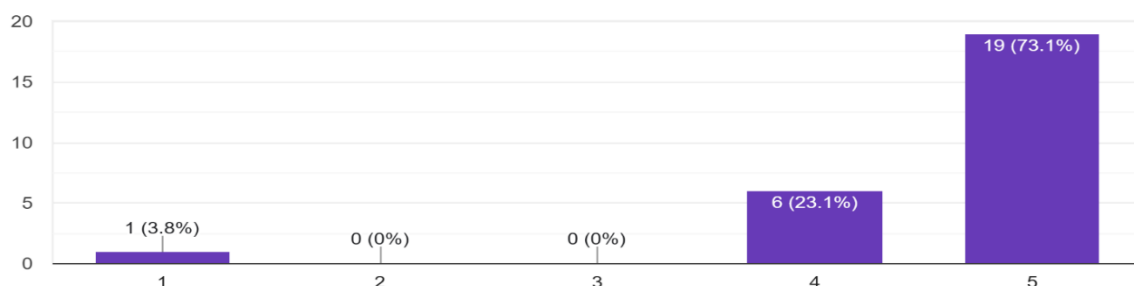
2. How well was the event organized?

26 responses



3. Were the rules and guidelines clear?

26 responses





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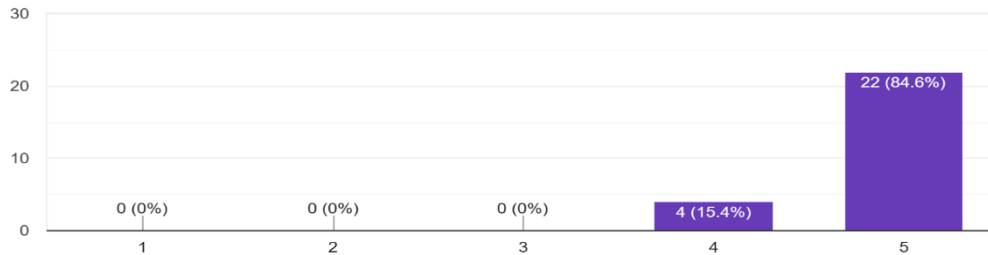
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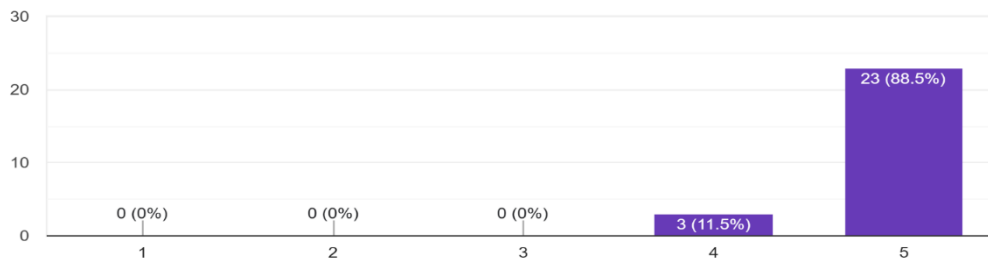
4. Was the time allotted sufficient?

26 responses



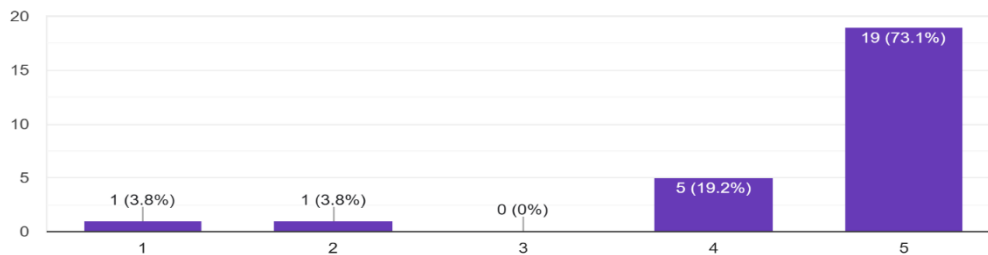
5. Were the systems/labs adequate and functional?

26 responses



6. Was the judging criteria clearly explained?

26 responses



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