

# CAD WAR

## EVENT

"Imagination is more important than knowledge." CAD WAR challenges participants to showcase their designing brilliance. Participants will demonstrate their creativity, speed, and technical skills in designing 2D and 3D models using engineering design software.

The CAD War competition at GECA (Government College of Engineering, Aurangabad Chh Sambhajinagar ) is an engaging technical event where participants demonstrate their skills in computer-aided design (CAD) software. Competitors solve design challenges within a given time, showcasing precision, creativity, and engineering expertise. It fosters innovation and technical excellence among aspiring engineers.

The CAD War competition at GECA is a dynamic and intellectually stimulating event designed to test and enhance participants' proficiency in computer-aided design (CAD). The event unfolds in two engaging rounds, aimed at evaluating both theoretical knowledge and practical design skills.

## **EVENT FORMAT AND ROUNDS**

### **Team Structure**

- Each team must have 2 members  
Mechanical- AutoCAD , Solidworks , Creo,  
Catia

## **Round 1: Quiz [ 30 MIN ]**

The first round is a quiz-based elimination round comprising 30 Objective type questions to be completed within 30 minutes. The questions are tailored to assess participants understanding of CAD concepts, software tools, engineering principles, and problem-solving aptitude. This round ensures only the most knowledgeable and prepared participants advance to the next stage.

## **Round 2 : DESIGN COMPETITION** **[ 1 HOUR ]**

In the second and final round, participants are tasked with a design challenge that must be completed within 1 hour. They are required to use CAD software to create precise and innovative designs based on the given problem statement. This round evaluates their creativity, technical expertise, time management, and ability to work under pressure.

## **JUDGING CRITERION**

- ✓ Depending upon participants half teams will be qualified for the second round based on their quiz performance
- ✓ Average of both team member will be considered for qualification in second round
- ✓ Professional Judges will analyse the design
  - Design accuracy and completeness: 10 points
  - Correct Dimensioning: 10 points
  - Time efficiency: 10 points

## **RULES AND REGULATIONS**

- 1) Participants must carry their valid college ID card.
- 2) Use of Internet or electronic gadgets during the competition is prohibited.
- 3) Any discipline or misconduct will be lead to disqualification
- 4) Judges decisions will be considered as final decision

## **PRIZES**

1<sup>st</sup> – Rs 10000

2<sup>nd</sup> – Rs 7500

3<sup>rd</sup> – Rs 5000

## **EVENT DETAILS**

**DATE** – 23<sup>RD</sup> JANUARY 2025

**VENUE** – Government college of Engineering  
Aurangabad Chh Sambhajinagar Mechanical  
Department seminar hall

**Time -** Round 1 – 9:00 AM to 9:30 AM

Round 2 – 11:00 AM to 12:00 PM

## **Contact for any queries**

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