

*Government College of Engineering,  
Jalgaon*

# QUICK CAD CLASH

Competitive CAD (Computer-Aided Design)

# EVENT DESCRIPTION :

Quick CATIA is a competitive CAD (Computer-Aided Design) event aimed at testing participants' proficiency in Dassault Systèmes' CATIA software. The event consists of three technical rounds where participants will demonstrate their modeling, problem-solving, and assembly skills. The competition is designed to challenge students with real-world design scenarios in mechanical engineering.



# EVENT STRUCTURE (3 ROUNDS)

## Round 1: Part Modelling

- Participants will be given a 2D drawing with dimensions.
- They must create an accurate 3D model in CATIA within a time limit.
- **Judging Criteria:** Accuracy, proper constraints, and time efficiency.
- Elimination Round: Only top-performing participants will proceed.

## Round 2: Sheet Metal Design

- Error Solution: Participants will be given a faulty CATIA file and must identify & rectify design errors.
- Assembly Design: Selected candidates will be provided with different 3D parts and must assemble them correctly following given constraints.
- Judging Criteria: Precision, correctness of constraints, and assembly feasibility. □  
Elimination Round: Further filtering of candidates.

# EVENT STRUCTURE (3 ROUNDS)

## Round 3: Error Solution & Assembly Design

- Finalists will work on a complex sheet metal component using CATIA's Sheet Metal Design module.
- **Judging Criteria:** Correct application of sheet metal commands, design feasibility, and adherence to given specifications.
- The top performers will be declared winners.
- **Eligibility Criteria :** Open to engineering students (Diploma, UG, PG) from Mechanical, Automobile, Production, and related fields.
- Basic knowledge of CATIA is required.
- Participants can register individually.

# ADDITIONAL DETAILS



**Event Mode:** Offline (on-campus)

**Software Used:** CATIA V5/V6

**Judges:** Faculty and Industry Experts

Participants can carry their own Laptop.

# CONTACT US



**DATE: 26/03/2025**



**TIME: 10:00 AM – 6:00 PM**



**VENUE: CAD/CAM LAB , GCOE JALGAON**



**ENTRY: 50/- PER PARTICIPANTS.**



# PRIZES & CERTIFICATIONS



**Winner: ₹5,000 + Certificate**



**Runner-up: ₹3,000 + Certificate**



**ALL PARTICIPANTS RECEIVE CERTIFICATES.**