Mechaverse- CAD War 2026
RULE BOOK

1. Event Overview

Event Name: **Mechaverse- CAD War 2026**

Organized By: **MESA**

Venue: **PLM LAB (Mechanical department)**

Date: **1 March 2026 (11:00 AM – 05:00 PM)**

Software Used: **AutoCAD**

Entry fees :- 99/- only

Objective: To test participants' skills in 3D modeling, drafting, assembly design, accuracy, S

2. Eligibility Criteria

• Open to Diploma / B.E. / B.Tech Engineering students.

• Participants must carry a valid college ID card.

• **Individual participation (one Vs one)**

• Basic knowledge of CAD software is expected.

3. Event Format

Round 1 – Preliminary Round
Type: **3D modeling task**

Duration: **45–60 minutes**

Evaluation based on dimensional accuracy, constraints, feature usage, and completion time.

Round 2 – Advanced Modeling Round
Type: **Complex 3D part modeling**

Duration: **60–90 minutes**

Model may be provided in 2D drawing, isometric view, or physical component format.

Evaluation based on accuracy, feature optimization, clean modeling practices, and time management.

Round 3 – Final Round
Type: **Assembly modeling / Reverse engineering / Creative design challenge**

Duration: **90–120 minutes**

Judging based on assembly constraints, motion feasibility, innovation, and presentation.

4. General Rules

• Participants must report 30 minutes before the event.

• Late entry beyond 15 minutes will not be allowed.

• Mobile phones are not allowed during the competition.

• Use of pen drives or external storage devices is not permitted.

• Files must be saved using the format: TeamName_RoundNumber.

• Any malpractice will lead to immediate disqualification.

• Judge's decision will be final and binding.

5. Evaluation Criteria

Dimensional Accuracy – 30–40%

Proper Use of Features – 20%

Design Intent & Constraints – 10%

Neat Sketching & Modeling Practice – 10%

File Organization – 10%

Completion Time – 10%

6. Disqualification Criteria

• Copying from other participants

• Using external devices or internet

• Creating disturbance

• Ignoring instructions from judges

7. Awards & Certification (Prize pool 5,000)

1st Prize – Certificate + Trophy + 3,000/- (cash prize)

2nd Prize – Certificate + 1,500/- (cash prize)

3rd Prize – Certificate + 500/- (cash Prize)

Participation certificates will be provided to all participants.