

The Annual Tech-Fest of GEC, Vaishali

VISION'25

13th- 14th Sept 2025

AutoCAD Design Challenge

OBJECTIVE:

Participants must demonstrate their skills in 2D drafting and/or 3D modelling using AutoCAD by completing design tasks within a specified time. The challenge tests accuracy, speed and understanding of engineering drawing principles.

TEAM:

Each team comprises of 1-2 members, with each team having a designated leader to handle communications with judges. Students from all the branches are allowed to participate to showcase their skills.



RULES:

1. The event is conducted in a single round
2. Each participant will be given a design brief at the start
3. Time limit: 90 minutes total
4. Participants must use AutoCAD only
5. Submissions must be in .DWG and PDF print format
6. Internet access is strictly prohibited during the event
7. Participants must use provided systems.
8. Designs must be created during the event time
9. Judges may ask for a brief explanation (1–2 min) of your design concept or approach

DESIGN CHALLENGE TOPICS(examples) :

Isometric view, sections, projections etc. related to the basic engineering drawing course will be given as a challenge.

SCORING CRITERIA:

Evaluation Criteria	Points
Accuracy to Specifications	30
Use of AutoCAD Tools (layers, blocks, etc.)	20
Clarity, Neatness & Readability	15
Proper Dimensioning & Scaling	15
Creativity / Engineering Design Sense	10
Time Management	10

Total : 100 Points

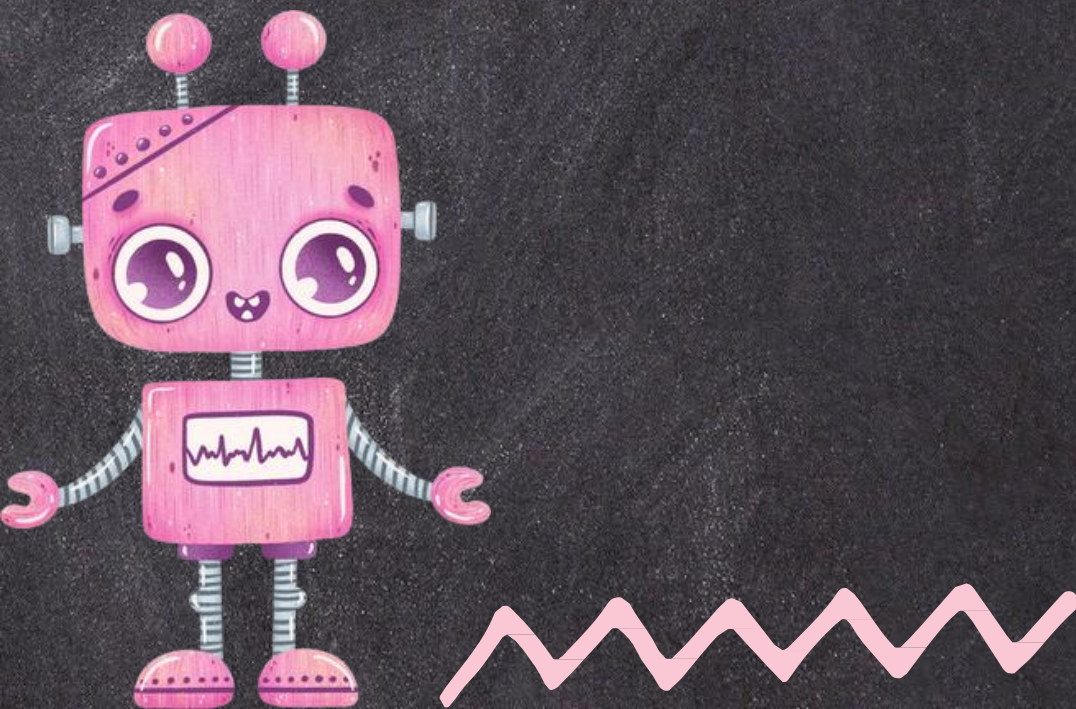


PENALTIES:

Violation	Penalty
Wrong or missing dimensions	-5 points each
Submission after time limit	-10 points (per 5 minutes)
Incorrect file format	-10 points

DISQUALIFICATION:

- Use of external sources.
- Use of AI Tools, mobile phones & internet.
- Switching between windows is strictly prohibited.
- Pre-submitted or plagiarized work
- Failure to submit within 10 minutes after event time ends
- Misconduct during the competition.



WINNING CRITERIA:

- Winner will be selected based on highest total score
- In case of a tie:
The decision of the judges will be final.
- Top 3 participants receive certificates and prizes

VENUE: LAB 29 (3RD FLOOR)

For any queries contact:

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