

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<br>(layers, blocks, etc.) | 20     |
| Clarity, Neatness &<br>Readability             | 15     |
| Proper Dimensioning &<br>Scaling               | 15     |
| Creativity / Engineering<br>Design Sense       | 10     |
| Time Management                                | 10     |

**Total : 100 Points**



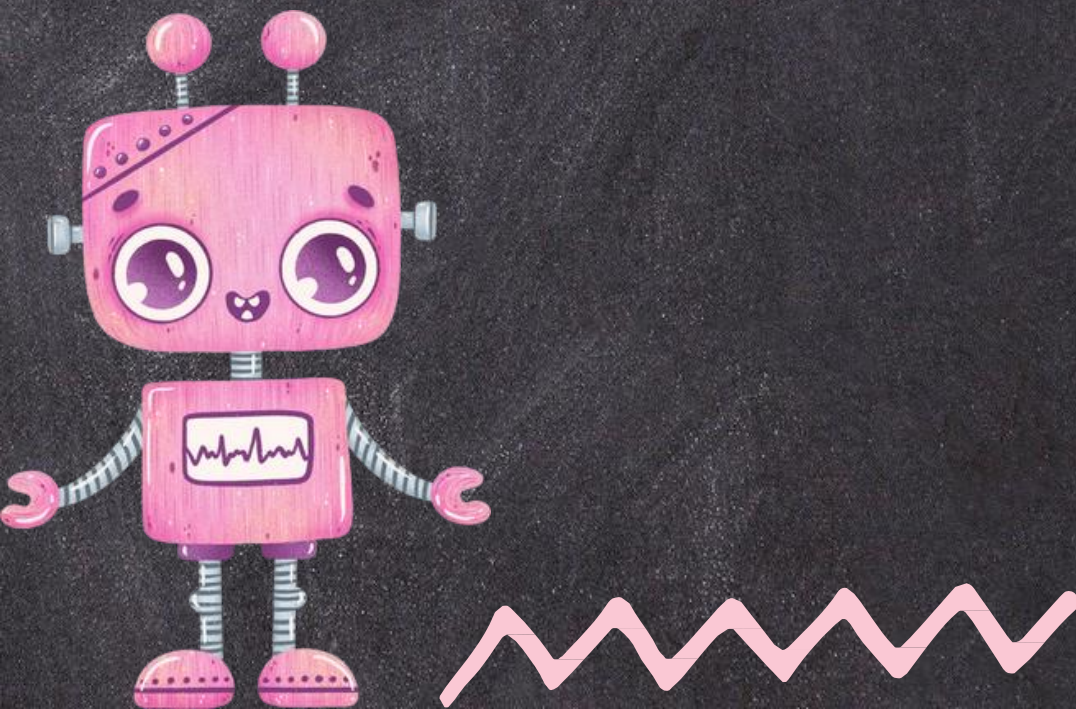


## PENALTIES:

| 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

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## VENUE: LAB 29 (3<sup>RD</sup> FLOOR)

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