

Event Title: Circuitrix (Circuit Design/Debug)

Decode the Current. Design the Future.



Overview:

CircuitX challenges participants to identify and fix faults in electronic circuits. Test your circuit knowledge, analytical thinking, and debugging skills through theoretical and hands-on rounds.

Team Size:

- 1–2 members per team

Eligibility:

- Open to all Engineering

Rules & Regulations:

1. General Format:

- The competition consists of two rounds:
- Round 1: Theoretical Debugging
- Round 2: Practical Debugging

2. Participation Requirements:

- All tools and components required for the practical round will be provided on the spot.

3. Circuit Types:

- Circuits will involve basic analog, digital, and mixed-signal concepts.

4. Scoring Criteria:

- Correct identification and fixing of errors
- Working final output
- Time taken to complete
- Explanation of the fault and solution

5. Time Limit:

- Each round will have a specific time limit (45 minutes).

6. Conduct:

- No external assistance (internet, mobile phones, textbooks) is allowed during the event.
- Any form of malpractice or misbehavior will lead to disqualification.

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