

Circuit Cracker

Introduction

Get ready for an exciting offline event where creativity and technology come together in an electrifying way. In Circuit Cracker, you'll dive into the world of circuits, innovation, and problem-solving like never before.

Our challenges will inspire you to design circuits that tackle real-life problems, testing your ability to think outside the box and innovate.

Theme

Electrify Your Imagination: Circuit Craze - Where Innovation Meets Ingenuity!

Flow of the Event

Entry Round - Each team's leader will have to appear in an aptitude test to qualify for Round 1.

Round 1 - Induction Round

- Teams will solve two circuit design problems, one after the other.
- Teams will have a maximum of 30 minutes per problem to create and document their solutions.
- Submissions must include:
 - Circuit diagrams on an A4 sheet.
 - A clear explanation of the circuit's functionality.
- The first 10 teams with correct designs and explanations will move to the next round.
- Elimination Rule: Teams unable to explain their designs, even if correct, will be disqualified.
- Hints can be requested every 10 minutes, but each hint will deduct 5 points from the team's total score.

Round 2 - Debugging Challenge

- Teams will receive a pre-constructed, non-functional circuit along with a problem statement explaining the intended functionality.
- Objective: Identify and fix errors in the circuit to make it fully functional.
- Teams will have 20 minutes to debug the circuit.
- Hints can be requested every 10 minutes, but each hint will deduct 5 points from the team's total score.

Rules and Regulations

1. Cheating or using unauthorized devices will lead to immediate elimination.
2. Each team must consist of 4 members.
3. Collaboration is restricted to team members only.

4. Participants must maintain discipline and respect the rules.
5. Teams taking hints will face a 5-point deduction per hint.

Team Making:

Participants need to make a team consisting of 3-4 members.

Only the team leader will register for the event.

Judging Criteria:

- Accuracy and speed of debugging.
- Number of hints taken (fewer hints mean higher scores).
- Clarity in explaining corrections.

Prize Distribution

The top 3 teams with the most efficient performance within the given criteria will be awarded as winners.

Event details:

- **Date:**
- **Time:**
- **Mode:** Offline
- **Venue:**

How to register:

1. Visit [Insert Registration Link Here].
2. Fill out the registration form.
3. Registration closes on:

Contact us:

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