



AMALTHEA '21



IIT GANDHINAGAR



## Circuit Designing Event

Unleash your potential with zero resistance

### About the Event:

*Electronica* - a circuit designing event that aims to test your ability to put the knowledge of circuits, along with loads of brain teasers and riddles of electronics that will leave you stumped. It will be carried out in the form of a theory round and a practical hands-on round.

### Registration Guidelines:

*Eligibility criteria:* Open to all.

Registrations are free of cost.

Mode of Participation: Individual or A team of Two.

Participants will have to register through **this form**.

Last Date to Register: Dec 8, 2021.

### Round 1:

- The questions will judge the proficiency and conceptual understandings of electronics.
- The first round will be an online test with the objective type of questions.
- It will be conducted on the DareToCompete (D2C) platform on Thursday, Dec 9, from 6 pm to 7.30 pm.
- Duration: 1 hrs 30 mins.
- Only team leaders will be allowed to attempt round 1, and only their responses will be considered valid.
- The top 20 teams will be selected for the next round.
- The participants will have to abide by the rules and regulations of the D2C platform.

## Round 2: (Project Making Round)

- The round will focus on real-life application-based problems and the role of circuits in day-to-day life.
- It will be conducted on Saturday, Dec 11.
- Duration: 3 hours (tentative).
- The implementation of the problem statement will be done on the circuit simulator platforms such as Tinkercad or Online Circuit Lab.
- The participants will be judged based on circuit functionality and cost-efficiency.
- The detailed instructions will be provided to the top 20 selected participants of Round 1.

### Prize Distribution:

- 1st Prize: Rs. 11000/-
- 2nd Prize: Rs. 7500/-
- 3rd Prize: Rs. 5000/-
- 4th Prize: Rs. 3500/-
- 5th Prize: Rs. 2000/-
- Consolation prize: Rs. 1000/-

**Note:** The consolation prize will be awarded to the best performer (individual/team) among the first and second-year undergraduates, apart from the top 5 teams.

### Rules for Participation:

1. The entire event will be conducted in online mode.
2. Inter institute teams are allowed.
3. Team members cannot be changed after the initiation of round 1.
4. All participants will receive a 'Certificate of Appreciation.'
5. The organizers reserve the right to withdraw or change any of the above rules as they deem fit.
6. Any changes in the rules will be highlighted on the website and notified to the registered participants.
7. All decisions taken by the event organizers will be final and binding.
8. Any form of malpractices or plagiarism will lead to disqualification.



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