

Circuit Mania

Task:

The competition will consist of 3 rounds –

- Round 1: Quiz and Crossword Puzzles based on basic electronics and technological knowledge.
- Round 2: Problems based on SPICE (OrCAD or Multi-SIM)/ MATLAB/ Microcontroller). There will be questions on every topics and you have to solve only a subset of these questions. So you might not need to know every topic stated above.
- Round 3: Hardware based, details will be disclosed onsite but in general you will need to design and debug hardware circuits.

Specification:

- Participants need to bring their own laptops with software installed.
- Basic knowledge of electronics.
- Knowledge about simulation or Matlab or Microcontroller programming.

General rules:

- Participants from different years can form a team.
- Cheating or asking for clues from others will result in disqualification of team.
- Any other decision remain under discretion of event organizers.
- Remaining details will be announced during the event.
- In case of any disputes / discrepancies, the organisers' decision will be final and binding.
- The organisers reserve the rights to change any or all of the above rules as they deem fit. Change in rules, if any will be highlighted on the website and notified to the registered teams.

Judging Criteria:

To be disclosed at the time of event.

Team Specifications:

A team may consist of a maximum of 4 participants. Students from different educational institutes can form a team.

Eligibility:

All students with a valid identity card of respective educational institutes are eligible to participate.