

Name :

Circuit Simulation

Type:

Technical Event

Description :

Hey Techies!!! Put your thinking caps on. Wield your immense skills and creativity to construct an enhanced living.

The contest requires participants to come up with solutions to real-world problems. We will provide the participants with a problem statement. They will have to develop a circuit design and code it up to meet the requirement. We recommend using online simulation software like TINKERCAD, PARTSIM etc.

Problem statement:

Develop a circuit and the required code to cut down the overflow of water from overhead tanks. Their solution circuit should fill the tank up to a given specific value (say $\frac{1}{2}$ of the tank or $\frac{3}{4}$ th of the tank).

Rules and Guidelines:

1. We will not accept late submissions.
2. We will not accept circuits which are irrelevant to the requirement.
3. Any malpractice is not allowed, and we will not tolerate plagiarism.

Judging Criteria:

1. Response Time
2. Circuit's efficiency:
3. Cost-efficient
4. Scope
5. Reliability
6. Effectiveness of code

Entry Fee:

INR 50

Submission Deadline: 23 feb 11:59 pm

Registration Close: 19 feb 11:59 p.m

Cash Prize:

Winner : Rs. 2000

Runnerup: Rs. 1000

Event Coordinator:

Charan

9030625914

ee19b022@iittp.ac.in

Online Platforms:

<https://www.electronics-lab.com/top-ten-online-circuit-simulators/>