



Mech Tech Meet

Season-8
March 3rd-4th, 2017



ELECTRADE

Introduction-

When technology is given its worth, new levels of marketing are unlocked.

PROBLEM STATEMENT-

This is a team event. There should be four member team consisting members of any branch of electrical and electronics field. The team members will be given the basic circuit components i.e. Resistor, inductor, capacitor, diodes etc. by the help of which the team needs to fabricate some of the given circuits.

Rules -

- 1) The team should strictly contain 4 members. Students from different colleges may form a team.
- 2) The participants are strictly prohibited to carry any sort of electronic gadget or used paper for any of the round.
- 3) All the three rounds will have some time limit. The team members may sit together (with proper discipline) for round-1.
- 4) The participants can return the unused components at any time and will be refunded the virtual money by paying some fixed penalty.
- 5) The decisions will be solely in the hands of coordinating committee. In case of any controversy or dispute the decisions taken by committee members will be applicable. Any team with undisciplined or intolerable behaviour will be strictly disqualified at the moment.

GAMEPLAY-

The event consists of 3 rounds-

Round-1: The very first round consists of a pen-paper based test. The questions will be related to basic knowledge of electrical and electronics circuits. Every correct answer will give the participating team a definite amount of virtual money. With the help of this money the team can purchase the basic components in the next round. The team should earn a min fixed amount to qualify for the next round.



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Round-2: In this round each team will be given a list of basic components with their worth and another list of some circuits with their market price. A team can purchase the basic components and then fabricate the indicated circuits of their choice and sell according to their market price. Top 5 teams with maximum amount of profit i.e. (Investment - Earning) will be shortlisted for finals.

Round-3 (Final): The similar procedure of round 2 will be repeated where teams can purchase components with their earnings and more complex circuits will be provided. Top 3 teams in the final round will be rewarded.