

ELECTROTHON

DESCRIPTION :- A marathon which require basic knowledge of electronics.

Electrothon consists of 4 levels based on points system , there will be no elimination.

Stage 1: Quizeria

There will be MCQ based Quiz based on general electronics or general engineering questions. It will also contain general aptitude questions and current affairs related to tech.

According to the team's performance they will get points out off 100 POINTS

E.g if there are 25 questions the team will get 4 points per correct answer

Stage 2: Debugging

In this task a circuit (with some errors in it) and a circuit diagram will be provided to the students the students just have to figure out the error from the circuit diagram in each time and correct the circuit.

According to their performance students will get points out of 200 POINTS

10s extra time will deduct 5 points from the total number of points obtained

E.g: if a team is given 4 circuits to debug they weightage of each circuit solving will be 50 points

Stage 3: Circuit Making

In this task participants will be given some fixed time in this time they need to gather components(provided) and build a working circuit of their own choice, or we can provide one circuit and they can make that one.

According to the performance team will get points out off 300 POINTS

E.g: master chef theme

Stage 4: Visual Cognition Test

In this task a picture of circuit will be shown to the participants

They need to memorize this circuit and the components they need to make this circuit

Gather all the components(provided) they need and make the same circuit as shown in the pic

According to the performance teams will get points out off 400 POINTS

E.g: exam

REGISTRATION FEES: - The registration fees for the entry is Rs.100 for each team.

RULES

- There will be no elimination . The result will be according to points gained by the teams
- Each level will have limited time according to levels.
- After crossing the limit time there will be deductions of 5 points after each 10 seconds.

TEAM SIZE: - MINIMUM MEMBERS IN A GROUP 3 or 4.

VENUE: - PCET'S PIMPRI CHICHWAD COLLEGE OF ENGINEERING & RESEARCH, RAVET (PCCOER),PUNE-412101

PRIZES

1ST- 5000/-

2ND-3000/-

3RD-2000/-

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