TECHNOVATE 2K18 PRESENTS

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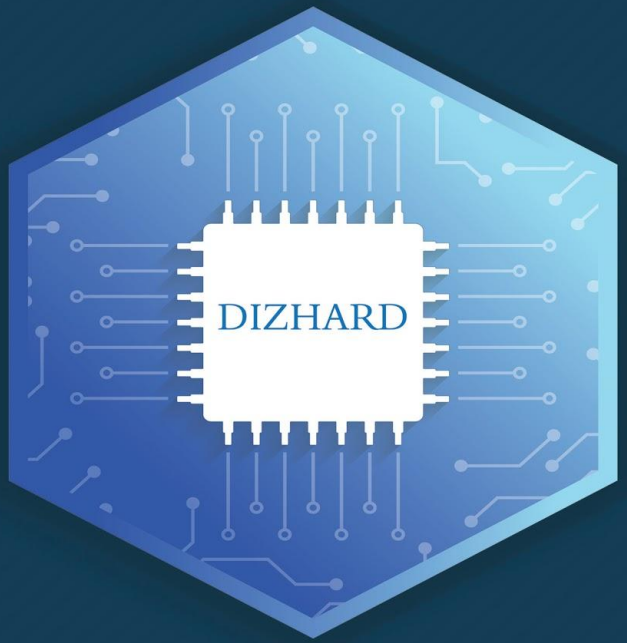

PASSION TO DESIGN CIRCUITS

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Introduction:

Design circuits containing resistors ,capacitors,diodes, transistors ,gate-ic's etc. (in some rounds, there will be requirement of instruments like function generator and DSO) on breadboard in minimum time with desired output.

Competition Design:

There will be three round which will test the circuit designing skills of candidates on breadboard .

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Rounds of competition :

1. Time matter round ….diode based simple problems(2 problems in 15 minutes)

2. Medium zone round …….average circuit based problems(2 problems in 30 minutes)

3. Rapid fire round ……..challenging circuit based problem(1 problem in 45 minutes)

Participation Rule:

- Every team must have members in range 1 to 3.
- Every team member must be limited to the table provided .
- Proper silence should be maintained in the room.

Penalty For Breaking Rules :

➢ At any stage of competition if it is found that rules are broken then final decision will be on organizers taking participation of that particular team in competition

Location of Event :

➢Electronics lab at academic block

Scenario of competition :

➢Each team will be provided a table on which all necessary components and measuring devices /instruments will be there.

➢After end of each round our circuit specialized squad will go close to each team ,compare their experimental data with theoretical data on the spot with the help of measuring devices allotted to them.

➢In case a team completes their task within time ,one of the team member must go to register their end time on laptop provided their on the main desk in the middle of the room under the watch of organizing team(laptop will be connected to projector so on the screen scores and results of each round of all teams will be easily seen).

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Elimination Rules:

➢For each question from easy level 5 points will be awarded and for medium level 10 points and for hard level 20 points will be awarded.

➢If any team completes their problems within given time limit then for each extra 30 seconds saved 1 points will be awarded.

➢Elimination of winner team will be on basis of total points gain by a single team

Certificate policy:

1. Top 3 teams will be awarded as certificate of excellence.
2. certificate of participation will be given to all team.

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prizes:

1st position- 5k+goodies
2nd position- 2k+goodies
3rd position- 1k+goodies
4th position- goodies
5th position- goodies

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Event Coordinators:

For any further details **Contact**

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