

# PCB DESIGN COMPETITION

## ABOUT

Participants will design PCB given on the spot using software installed in system. They will be Declared as qualified as per their work in software.

Qualified participants will prepare the PCB in Hardware.

## DETAILS

Date: 13<sup>th</sup> July 2018.

(Round 1) Time: 12:00pm to 03:00pm

Location: FF-26.

Date: 14<sup>th</sup> July 2018.

(Round 2) Time: 02:00pm to 04:00pm

Location: SF-27

Fees of Event: -

For ISTE Member: 30/- per head.

For Non-ISTE Member: 50/- per head.

## RULES

1. After successful completion of registration, students will be allowed to participate in the competition.
2. Students have to come with basic stationaries.
3. There will be 2 rounds in this competition,

**Round 1:** contains design of circuit schematic and PCB board layout.

**Round 2:** contains physical manufacturing of PCB.

4. In Round 1 you have to design PCB circuit in Eagle CAD or Multi SIM (**or any other software of your choice- Trial or license software's are allowed- They have to submit software in advance**) by their own.
5. Circuit diagram will be revealed on the spot. They have to create a circuit schematic and PCB layout in given software with specific time limit of 90 minutes.
6. PCB board size should be of 5 cm \* 10 cm.

7. Participants have to take care about Electrical Rule Check (ERC) and Design Rule Check (DRC), if any one of them (or both) showing errors then it will resist you to enter in next round.
8. List of qualified students for second round will announce on the second day of the event.
9. PCB board, Butter Paper with circuit print, FeCl<sub>3</sub>, Acetone provided during the event to the qualified candidates only, Rest of the things student have to manage by their own (ex. Electrical Iron).
10. This competition contains use of harmful chemical, be conscious during handling of chemical solution.
11. Time for round 2 will be of 3 Hrs.
12. After completion of round 2, Event co-ordinators will inspect all PCB boards and result will be announce.
13. Decision of the Event Organizers shall be treated as final and binding on all and cannot be contested.
14. Rules are subject to change by event coordinator.

## CONTACTS

1. Name – 0123456789
2. Name - 0123456789
3. Name - 0123456789
4. Name - 0123456789