

# Electro Mania



*"Because attraction doesn't apply only for charges, it  
applies for engineers too "*

We bring you an interesting game for the electro maniacs of ECA.  
This event is exclusively for 1<sup>st</sup> and 2<sup>nd</sup> year students. So get ready  
for the fun.

## Task:

This event comprises of 2 rounds:

- Identifying electronic components from a collection
- Creating impedance using resistances, inductors and capacitances.

**Round 1:** In round 1, you will be given a collection of electronic components. You have to identify them one by one and note down their names within given time.

**Round 2:** In 2<sup>nd</sup> round you will be given resistors, capacitors and inductors to make a particular impedance of a certain value.

### Rules:

- A team of maximum 2 members is allowed for both the rounds.
- In the 2<sup>nd</sup> round, number of components used in the combination will be fixed and provided on the spot.
- In the 2<sup>nd</sup> round, all the components given will have to be used in the combinations.
- The judge's decision will be final and must be accepted by each team.

### Judgement criteria:

- The team identifying maximum components correctly in minimum time will be selected for 2<sup>nd</sup> round.
- The 3 groups completing the task in minimum time will be the winners.

### Certificate Policy:

1. Participation certification awarded for Round 2:
2. Certificate of excellence awarded for 1<sup>st</sup> and 2<sup>nd</sup> runner up.

### Event coordinators:

**Chief:** Vishnu Sihotia(8233615384)

**Other:** Nikhlesh Saini(7737383566)

Nidhi Jain

Monika Khandelwal

Manish Garg(8890933611)

Divanshi joiya