



ELECKART

ELEC FEST EVENTS, SHAASTRA -2019

ABOUT

Eleckart is competition rather an opportunity to solve a real life problem or part of the problem by using one's electronics skills. It is three round competition. Complete the first two levels and earn **VIRTUAL MONEY** based on your performance to get components for the final round where you will be creating a circuit to solve the given problem statement/s.

RULES

1. It is a team event and team comprises of 2 to 4 participants.
2. Registration entries will be shortlisted with first Round which will be a Quiz to be conducted on [TechGig](#). Teams will be tested based on their circuit designing knowledge through online test. Top 30 teams will be eligible to next round.
3. Second round will be a buzzer round in which shortlisted teams will be asked some general questions to test your electronic knowledge and virtual money will be given based up on your marks. The rules for this round will be informed during the round itself to be conducted in the morning on event day at IIT MADRAS.



4. Final round is circuit building round and you should do it only by components you bought from virtual money you get after buzzer round. You can use any of the given components but the overall budget should be less than or equal to your virtual money.
5. Design a circuit based on components like IC 741, IC 555, Resistances, Capacitors etc to solve the given problem statement.
6. No external help is admissible.
7. Judging criterion: Marks are given on the basis of number of Components used, Exact Connection, Waveform, Min. Time Utilization, working and marks in buzzer round.
8. Decision of judges will be final & abiding

Contact us at eleckart@shaastra.org

-TEAM ELECKART