



# CIRCUITRIX

## ROUND 1 (qualifying Round)

**PROBLEM:** Design and implement any circuit of your choice meeting a definite objective.

### RULES:

- Number of members in each participating group must not exceed 4.
- At the time of enrolling in the event, each participating group needs to propose the name and objective of the circuit they will be presenting in event.
- At the time of enrolling in the event, the participating group must make sure that the circuit they are proposing has not been already proposed by any other groups.
- Implemented circuit must contain non-programmable circuit components only.

Cost of the entire circuit must not exceed **Rs.400/-**. Cost Estimation of the circuit is compulsory. A proper detailing of the costing and circuit details with its application (hard copy) should be produced at the time of the event.

### Mode of Circuit Presentation:

- Circuits (preferably on Vero Board) completed in all respects are to be presented before the juries along-with one **A1** poster entailing working principle, circuit diagram, cost of components, and practical applications.

- No incomplete or non-working circuit will be accepted. Using Bread Board will deduct points from the final score. [TOP TEN GROUPS WILL BE QUALIFIED FOR ROUND-2]



## ROUND 2 (Final Round):

- Group-wise problem will be assigned (by lottery) to each of the groups along with kit containing all necessary components for preparation of the same.
- No additional components shall be permitted to use without the consent from the juries.

## Mode of Circuit Presentation:

**Same as Round 1**

## Judging criteria:

- Innovative ideas involved in presented circuit (For qualifying round only)
- Adroitness of the circuit
- Consistency in performance

