



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 (only on Vero Board) completed in all respects are to be presented before the juries along-with one A4 size poster entailing working principle.
- 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
- Aesthetics of the circuit For Both Round-1 & Round-2
- Optimization in using the elements