

## **CIRCUITRIX**

### **THEME:**

The contest is designed to test various aspects of the participants' technical knowledge. It is structured so as to test the knowledge as well as develop new aspects of analysis.

### **EVENT SPECIFICATION:**

The event consists of 3 rounds

Round 1: Quiz

Round 2: Software Based Circuit Simulation

Round 3: Hardware Based Circuit Implementation

### **GENERAL RULES:**

- Round 1
  - Round 1 consists of a quiz in 2 parts
  - Total time allotted is 20 minutes.
  - For every correct answer, 2 marks will be awarded.
  - For every incorrect answer, 1 mark will be deducted.
  - No marks will be awarded for unattempted questions.
- Round 2
  - Round 2 consists of software based simulation of the given circuit problem.
  - Total Time allotted is 60 minutes
  - For every correct attempt, 10 marks will be awarded.
  - No marks will be deducted for incorrect attempts.
  - No marks will be awarded for unattempted problems.
- Round 3
  - Round 3 consists of hardware based implementation of the given circuit problem.
  - Total Time allotted is 60 minutes
  - For every correct attempt, 10 marks will be awarded.
  - No marks will be deducted for incorrect attempts.
  - No marks will be awarded for unattempted problems.

### **JUDGING CRITERIA:**

To be disclosed at the time of event.

**TEAM SPECIFICATIONS:**

Maximum 3 members per team.

**ELIGIBILITY:**

All students with a valid identity card of respective educational institutes are eligible to participate.

**EVENT COORDINATORS:**

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