## **BOOLEAN BATTLE**

#### **TIMING:**

Round 1: 10.00 am - 11.00 am Round 2: 11.00 am - 1.00 pm

#### FLOW OF EVENT:

• Round 1 focuses on fundamental topics in digital circuits, including number system conversions and logic gate arrangements. This round consists of 10 questions designed to test both basic and advanced concepts in digital circuit theory.

Time: 20 minutes

• Round 2 consists of 5 questions focused on the analysis and design of combinational and sequential circuits. All teams will receive the first 4 questions, while the 5th question will be selected by the teams based on their merits from Round 1. Additional points can be earned by answering an extra question provided by the event committee.

Time: 40 minutes

### **RULES AND REGULATIONS:**

- A team can have 2 to 3 participants.
- Discussing with other teams or using mobile phones will lead to disqualification.

# **JUDGING CRITERIA:**

Judging will be based on the points earned by the participating teams.