



SRISHTI
Innovation exchange
2026

Rule Book

Event title: Rapid Robo

I. ROBOT SPECIFICATION

- Dimensions: Maximum 30 \times 30 \times 30 \text{ cm}.
- Weight: Must not exceed 5 kg
- Power: Maximum 24V DC onboard power supply.
- Control: Both wired and wireless (RF, Bluetooth, Wi-Fi) robots are permitted.
- Safety: No sharp edges, loose wires, or liquid-based weapons.
- Robots must be manually controlled.

II. TRACK & COMPETITION

- Objective: Navigate the obstacle course in the minimum time possible.
- Obstacles: May include sand pits, speed breakers, bridges, and marbles.
- Restarts: In case of a fall or exit, the robot restarts from the previous checkpoint.
- Time Limit:

A maximum of 10 minutes is allowed per run.

III. SCORING & PENALTIES

The final score is based on the Run Time plus any Penalty Time. • Hand Touch: +10 seconds (requires judge approval). Leaving the track: upto 5 seconds penalty • Arena Damage: Disqualification.

IV. GENERAL TERMS

Teams: Maximum of 4 members per team. • Check-in: Robots must pass a technical inspection 30 minutes before the race. • Fair Play: Any form of interference with the track or other teams results in a ban. • Authority: The Judge's decision on timing and penalties is final. • Only two members are allowed in the arena during the run. • If robots does not meet the qualification criteria, the robot will be disqualified. • There will be qualification round, semi-final round, and final round.

Coordinators

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