



INDIA

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RoboSports General Guidelines 2026

National Championship

A. Competition Flow

The competition is conducted over three days with structured rounds and surprise rule integration.

Day 1: Practice sessions.

Day 2 & 3: Multiple competition rounds

B. Robot Requirements

- 2 robots per team
- Fully autonomous
- Built and programmed by students

C. Technical Constraints

- Maximum size: 200 mm × 200 mm × 200 mm (must be maintained throughout the entire match)
- Maximum weight: 1.2 kg
- Battery ≤ 6000 mAh
- Voltage ≤ 12V
- Mandatory stop button

D. Allowed & Restricted Components

- Sensors: No limit
- Motors: DC, servo, stepper allowed
- Not allowed: brushless motors, hydraulics, unsafe materials, liquids/gases

E. Randomization Process

- Ball placement randomized before each match
- Coin toss method used