

Bot Soccer Challenge at Makers Fete 2024

A Duel of Robotic Soccer Skills!

Get ready to put your custom-built bots against each other in a thrilling soccer match!

Two Bots from different teams will compete to score goals while preventing the opponent from scoring.

Game Play:

- 1 on 1 game format.
- Robots start in different halves, ball at the center.
- Score goals by pushing the ball into the opponent's goal post.
- The team with the most points wins.
- Ball out of bounds? It's placed back in the center to resume play.

Design Specifications:

- Robot Dimensions: Max width & length 30cm, height 20cm.
- Weight: Under 3kg.
- Wired or wireless control.
- No Lego parts.
- Creativity encouraged in design.
- Wired bots: Minimum 5 meters of wire.
- Power Supply: Maximum 12 volts.

Arena Specifications:

- Dimensions: 8x4 feet.
- Made of plywood with walled boundaries.
- Tennis ball used for the game.

Rules and Regulations:

- Team Composition: 2 to 5 members per team..
- Age group: 9 to 17 years (6th standard to 2nd PUC).
- Match Format: Two halves, each 2 minutes.
- Bots must not remain immobile for over 10 seconds.

- Scoring: 4 points for a goal.
- Penalties: 2 points deducted for damaging an opponent's bot; 1 point deduction for entering the goal post.
- Bot pushing allowed.
- Announce the controller before the game; no switching mid-game.
- Wire handlers required; keep wires slack.
- Highest points win the game.
- Tiebreaker: Extra 1 minute for a golden goal, followed by penalty shots if needed.

Cash Prizes:

- 1st Place: Rs. 7000/-
- 2nd Place: Rs. 5000/-
- 3rd Place: Rs. 3000/-

Contact Information:

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Registration:

- Visit [CFAL India's Makers Fete website](#) to register.