

Objective

Everyone loves Football that's why it is the most played sport on earth. Now, it's engineer's turn to play it with their bot. It's time to put your engineering talent to test. Show the world why you are an engineer. Design a remote-controlled robot blending your technical intellect and innovative ideas capable to goal against time and fellow robots with maximum accuracy and in minimum time.

Bot Specifications

- Motor speed should not exceed 500rpm.
- Maximum Dimension of robot should be 25x25x25 cubic cm(excluding the extra front attachment)
- Maximum allowable power supply is of 12V.
- Power supply may be off-board or on-board.
- Except frontal attachment no other modifications in robot will be accepted.

Rules

- The Game will start when the referee gives the signal. If started before the signal, points shall be deducted and game shall restart. Three similar mistakes will be allowed, after which the participant will be immediately disqualified.
- The ball can be either dragged or pushed by the robot.
- A Maximum of two team members can be allowed near the arena for handling the robot.
- For teams from 1st year, both wired/wireless remote-controlled bot is allowed.
- For wired remote controlled bot, actual points will be 2/3rd of the obtained points.
- For teams from 2nd year, only wireless remote-controlled bot is allowed.
- Point deduction for any undue disturbance inside the arena.

GAMEPLAY

- There will be two rounds, round 1 and round 2.
- The top 8 teams get qualified for the 2nd Round.

ROUND 1: FREE KICK

- It is the Qualifier round to get the top 8 teams(on points basis).
- Score as many goals as you can in a span of 3 minutes.
- Team securing highest points after total tally shall proceed to 2nd round.
- Points for hand touch (whether robot or ball) shall be deducted, boundary touch and if the ball has to be put back (in case if the ball goes outside the boundary) shall be deducted.

ROUND 2: FACE-OFF

- Two teams have to face each other as in normal soccer.
- Defend and score within a span of given time, with a side switch after the 1st half
- This round consists of 3 stages:-

1. Quarter-final: To get the top 4 teams.
2. Semi-final: To get the top 2 teams.
2nd Runner-up will also be decided between the two disqualified teams at this stage.
3. Final: For the 1st and Runner-up positions.

NOTE.

- Cash Prize & Certificate of Merit will be awarded to the Winning team & Runner's up.
- The robots are not allowed to use any grippers or actuators which intend to harm the robot of the opposition.
- Detailed fixtures and game schedules will be posted as soon as registrations are closed.

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