



## Robo Soccer: Official Rule Book

The competition will be organized into two categories:

**Level 1: This category is open to all school and college students aged 10 and above.**

**Level 2: This category is open to all university students.**

### 1) General Rules:

- Each participating team may consist of upto 3 members.
- If the students from different Institutes/Universities want to join hands and form a team in collaboration, they can do so.
- No team member will be added further once the registration is done.
- If you want to register for the competition you must need to fill the form on website.
- Disqualification will be made on the spot, if any of the team members are found arguing (using slang/physical contact) with the organizing team or the member of another team.
- Organizing team have the right to amend the competition rules/duration at any time.
- The panel of judges for each competition will be comprised of members from the relevant fields and past experiences in competitions.
- The decision of judges will be final.
- If you win a competition, we will notify you at the end of the whole event.
- The prize will not be transferable to another team.
- No part of a prize is exchangeable for cash or any other prize.
- Incorrectly completed entries will be disqualified.

### 2) Game Rules:

- Each round will be a maximum of 3 minutes.
- Timing shall start once the start signal is given.
- Once turned on, the robot will compete with another robot and the robot with a greater number of points will be the winner.
- Once the robot moves, team members will not be allowed to touch the robot.
- Each goal scored by a team by rolling the ball on the ground will fetch the team 2 point.
- For two consecutive goals the team will get a bonus point.
- The ball can be either kicked, dragged, or pushed by the team to score a goal.
- In case of a jam up of robots for more than 10 seconds the robots will have to kick-off again at the order of the referee.
- The robots are not allowed to use grippers or actuators which are intended to harm the opponent's robot. If done so, then it will lead to a deduction of 1 point.
- The team with the greater number of points after the round has finished will be considered as the winner.



- If the robot is not working due to some reason, timeout is allowed.
- There are two timeouts allowed for a team without the 2 minutes duration of the match.
- The following behavior shall be considered for disqualification by the referee and the team could possibly be disqualified: Attempting to damage the game field.
- Performing any act that fails to comply with the spirit of fair play

### 3) Robot Specifications:

#### a) Dimensions and Weight:

- The maximum size of the robot should be 12 x 12 inches.
- The maximum weight of the robot should be 1.5 kg.
- All components mounted on the robot will be counted as part of the robot's total dimensions.
- All robots will have to pass prior inspection before entering the competition. Any robot exceeding these limits will be immediately disqualified.

#### b) Electronics:

- The robot must be remote-controlled and have an on/off button.
- All types of transmitter and receiver modules are allowed such as Bluetooth module etc.
- Any type of microcontroller is allowed.
- There is no limit on the number and types of motors used in the robot.
- Any kind of motor driver IC or module can be used.
- Power sources that are considered dangerous or unsuitable by the judges will not be permitted.
- The voltage of the robot electrical power source must not exceed 12-volt DC.
- Power banks may be used.

### 4) Important Dates

- **Competition Dates:** October 12-13, 2024

### 5) Collaborative Partner

This competition will be hosted in collaboration with Robo Automators.

### 6) Contact Information

For any questions or additional information, please contact us at:

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