



ROBO SOCCER

FIRST PRIZE	₹ 3000 + 🏆 + 📄
SECOND PRIZE	₹ 1500 + 🏅 + 📄
THIRD PRIZE	🏅 + 📄

TEAM SIZE 1 - 3

₹ 499 PER TEAM

JAN
26
2026

AGE GROUP : 8 - 15 YEARS

REGISTRATION CLOSES ON 24 JANUARY 2026

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3rd Floor, Dianby World, Near Kalabhavan Theater, Trivandrum

Winning Criteria

Team with the highest score wins.

Game Rules

- » Each goal consists 2 points.
- » 1 vs 1 knockout match format.
- » Match duration will be 5 minutes, including 1-minute break (2+2 minute with a 1- minute break).
- » In case of tie Extra 30 seconds will be provided, whoever scores first will be the winner.
- » If both teams have same scores even after extra time, 2 penalties for each will be provided, then golden ball.
- » Each team consists of 1 minute timeout. Timeout can only be called wherever there is a break in play.
- » For each additional timeout, 1 negative point will be imposed.
- » This scoring system encourages participants to focus on strategy and control, rather than damage to the opponent's robot.
- » Opponents bot should not be pushed into the goal post.
- » A ball with a diameter of 7 cm will be used.

Arena Specifications

The arena for the competition should have dimensions of 8 X 4 X 1 feet, with a goalpost 30 cm width on either side. The arena is designed to provide a fair and challenging environment for the robots. The size of the arena ensures that the robots have enough space to move around and execute their strategies. The height of the arena is designed to prevent the robots from flipping out of the arena.

Bot Specifications

Robots in this category should have a maximum weight of 3 kg.

The maximum dimensions for these robots are 30 x 30 x 30 cm (l x b x h) with a tolerance of $\pm 10\%$.

The Battery voltage should be a maximum of 12 V.

* The weight of the robot includes all parts of the robot, the weight of the on board battery is also included in the total weight. This ensures fairness in the competition as all components of the robot are taken into account.

Control

Only wireless robots can be used in the competition. Control methods may include WiFi, RF, Bluetooth, etc. Wireless robots must keep the battery inside the robot. This rule is designed to ensure that the robots can move freely in the arena. It also ensures that the weight of the battery is taken into account in the total weight of the robot.

Competition Objective

The primary objective of Robo Soccer is to design, build, and program robots capable of playing soccer using wireless control methods such as Wi-Fi, Bluetooth, and RF (Radio Frequency). This approach allows participants to explore and implement various communication technologies to control their robots during the game.

Safety Regulations

1. All participants must adhere to safety regulations and guidelines provided by the organizers.
2. Robots should be designed and operated in a manner that ensures the safety of participants, spectators, and other robots.
3. Any robot found to pose a safety risk may be disqualified from the competition.

Dispute Resolution

1. In the event of disputes or disagreements regarding competition rules or outcomes, decisions made by the competition organizers will be final.
2. Participants are expected to uphold the spirit of fair play and sportsmanship throughout the competition.

Amendments to the Rule Book

1. The organizers reserve the right to amend or modify the rule book at any time, with prior notice to all participating teams.
2. Amendments to the rule book will be communicated through official channels, and participants are expected to comply with updated regulations.

Conclusion

The Robo Soccer Competition, organized by Yabot Academy, provides an exciting platform for robotics enthusiasts to demonstrate their creativity, innovation, and technical skills. Participants are encouraged to approach the competition with enthusiasm, sportsmanship, and a commitment to excellence.