



# AVASTRA'23

## ROBO SOCCER

## RULEBOOK

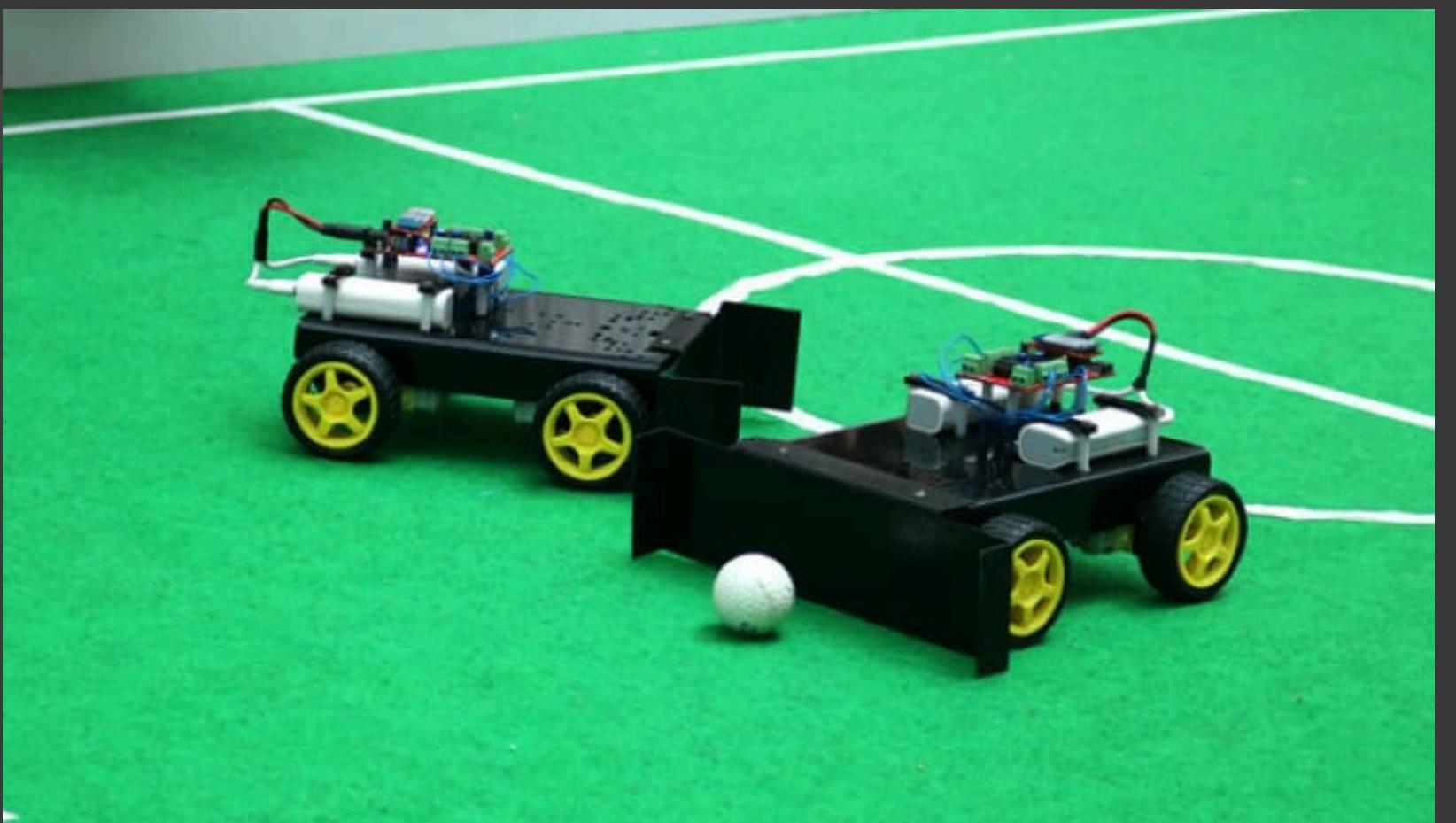
EINSTEIN ROBO ABEYAANTRIX CLUB  
EINSTEIN ACADEMY OF TECHNOLOGY AND MANAGEMENT, BHUBANESWAR

# DESCRIPTION

**Team Size: 2-4**

**Witness the intensity of Robo Soccer, where two teams battle head- to-head to goal in their opponent's goalpost.**

**Teams control their customized soccer bots manually, using either wired or wireless methods, in a fierce showdown of strategy and strength.**



# BOT SPECIFICATION

- The maximum dimension of the robot can be 30cm x 30cm x 30cm (l x b x h).
- The robot may be wired or wireless.
- The length of the wire (for wired bots) should be long enough to cover the whole track and wire should slack during the complete run.
- Maximum weight must not exceed 5kg.
- The participants will be provided with 220 volts, 50 Hz standard AC power supply. Participants will have to themselves arrange for adaptor or battery.
- The electric voltage anywhere in the machine should not be more than 12V DC at any point of time.
- The machine must not be made from Lego parts, or any ready-made kit, if we find such a machine it will be disqualified.

# JUDGING CRITERIA

1. Matches are 1v1 battles.
2. Each match has of fixed time limit. The robot that successfully goals more will win the match.
3. If neither robot goals within the time limit, the match will go to the judge's decision based on control, aggression, and style.

**NOTE:** Rules are subject to change if organizers deem it fit.

# RULES AND REGULATIONS

- Each team can have maximum 4 members.
- Each member of the team must contain the identity card of his/her respected Institute.
- Your robot must be ready when call is made for your team.
- The team which scores maximum goals within time limit will be the winner.
- No test practice will be allowed on the arena.
- If a robot becomes disabled during the competition, it will be declared the loser of the round.
- Unethical behavior could lead to disqualification, Co-ordination committee has all the rights to take final decisions for any matter during the event.
- Judge's decision will be considered final.
- Holding the ball is not allowed.

NOTE: Rules are subject to change if organizers deem it fit.

# PRIZES

**1st**

RS 7,000

**2nd**

RS 5,000

**3rd**

RS 3,000

# CONTACT US



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