

TechCraze 2k16

ROBO SOCCER

You are rolling, twisting, flicking and kicking the ball straight for a goal ...

Yet not using legs.

ROBOT SPECIFICATIONS:

1. The size of the robot at the start of the event should be 25cm x 25cm x25cm (length x breadth x height) with 10% tolerance.
2. The robot may be wired or wireless remote controlled. In case of wired remote controlled robots there should be sufficient wire so as not to disturb the setup of the arena.
3. There should not be any holding mechanism.
4. Arena Dimension approx. (7ftx6ft)

POWER SUPPLY

1. AC power connection of 220V, 50HZ (20% variation is possible due to variation of load on the power grid) will be provided. Only one plug point will be provided and participants are required to bring their own extension boards.
2. Both internal and external power supply will be allowed.
3. The motors can be given a maximum of 24 Volts.
4. Voltage should be fixed at the start of the game. Participants are not allowed to vary voltages during the match.

Rules of RoboSoccer

- Each team will be given a maximum five minutes time to play the prelims.
- The arena will contain some obstacle and there will four balls at the four corners of the arena. The player must avoid the obstacle and carry the ball from the corners and put the ball in the alternate goal. Each goal will give player positive points and a player will be given negative points on touching the obstacles. The players will be given extra positive points on finishing the round before the maximum time slot and if the player is unable to finish the round in required time slot negative marks will be added.
- The prelims will select top sixteen among the participated players or group.
- Points will be disclosed at the arena.
- Qualifier: rules and arena depends on coordinators. And it will be disclosed after the prelims.
- No slangs allowed, warning and negative marks on first instance and disqualified on 2nd instance.
- Coordinators' decisions will be the final decisions, no argument will be entertained after a decision is taken.
- The bot will be inspected thoroughly at the arena by the event coordinators and if the bot is found to be beyond the specification, half an hour time gap will be provided to do the necessary. If time exceeds the given time slot negative will be charged.
- The players must report at the arena when they are called by the coordinators.

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