

ROBO SOCCER

BOT SPECIFICATIONS:

1. The maximum dimension of the robot can be 30cm x 30cm x 30cm
2. The robot shouldn't weigh more than 3.5 kg
3. The robot should be wired/wireless
4. The voltage across any two terminals must not be more than 12 volts and maximum current 2 Amps at any part of the competition.

ARENA SPECIFICATIONS:

Will be entertained on the spot

POWER SOURCES:

1. The machine can be powered by electric source only. Use of IC engine in any form is not allowed.
2. Every participant must prepare their own power source. Only 220 volts AC source will be provided at the arena, but can only be used in the form of DC voltage.
3. In case of using on-board batteries, the only permitted batteries are ones that cannot spill or spray any of their contents when damaged or inverted.

GAME PLAY:

Will be entertained on the spot

TEAM SPECIFICATIONS:

A team may have a maximum of **4 members**. A team can register as two separate teams if they are using two different bots for the event.

RULES:

1. Each team has to make their robots under the specifications given above.
2. The necessary rules for playing the match will be explained on the day of event.
3. The decisions of the event judges will be the final decision and each team must follow it, failing to comply with the decision will lead to disqualification

DISQUALIFICATIONS/VIOLATIONS:

1. Weaponry: There will no weapons allowed for the robots.
2. Human interference: Except for the kick-off, human interference (e.g. touching the robots) during the game is not allowed unless explicitly permitted by the referee. Violators can be disqualified from the game.
3. Damaged robots: If a robot is damaged, it has to be taken off the field and must be fixed before it can play again. Only the referee decides whether a robot is damaged. A robot can only be taken off or returned with the referee's permission.
4. Interruption of Game: In principle, a game will not be stopped. The referee can stop the game if there is a situation on or around the field which the referee wants to discuss with an official of the tournament or if the ball malfunctions and replacement is not readily available. When the referee has stopped the game, all robots must be stopped and remain on the field untouched. The referee may decide whether the game will be continued or resumed from the situation in which the game was stopped or by a kick-off.
5. Length of a game: The game will consist of two halves. There will be a 2 minutes break in between the halves.