



# ROBO SOCCER

'CODDED STRIKERS'

TESLAMS'25

27 - SEP - 2025

PRIZE POOL :6K




# ROBOT SPECIFICATIONS

- The dimensions of the bot must not exceed 30 cm x 30 cm x 30 cm at any point of the game. 5% tolerance will be given.
- Both wired and wireless robots are allowed.
- The weight of the bot should not exceed 5 kgs. 5% tolerance will be given.
- Maximum voltage for batteries and any two point of circuit in bot should not exceed 12V at any point of the game.
- The bot can have 4-wheel drive or 2-wheel drive mechanism; all the tyres must contribute into the motion.
- The body of the robot must not be taken from any readymade toys. Robot making kits can be used.
- Dribbler mechanisms are allowed.
- In case of wired control, the participants must ensure that the wire length should be minimum 6 meters.
- Wires must be routed through a pole at least 45cm high or must have a person to hold it upright throughout the match
- Wires must remain slack during gameplay. In case of wireless control, must support dual-frequency operation to avoid interference.
- Use of IC engines and LEGO kits will attract disqualification.





# GENERAL RULES

- Robot should be as per the given specifications. If the robot is not satisfying any of the above criteria, the team will not be allowed to participate.
  - Each team can have a maximum of 4 members. Students from different institutes can form a team.
  - Each member of the team must contain the identity card of his/her respected institute.
  - Unethical behaviour could lead to disqualification. Event coordinators have all the rights to take final decision for any matter during the event.
  - The bot will be checked by organizers for compliance before competition. Judges' decision is final.
  - Judge's decision will be considered final.
  - Swapping of electronics with another team or bot is prohibited.
  - There will be both offline and onspot registrations.
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# GAME RULES

## **ARENA SPECIFICATIONS**



- Dimensions: 8ft x 6ft, walls are 15cm high.
  - Goals: 45cm wide.
  - Surface: Cement Flooring.
  - Ball: Tennis ball.
  - Intentional damaging of any part of the arena will result in disqualification.
  - Only coordinators and 2 team members per team are allowed inside the boundary during matches,
  - Spectators must remain outside the boundary to allow enough space for teams.
  - Arena specifications may change based on the club's decisions.
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# GAME RULES

## SCORING PATTERN

- Standard football scoring rules apply
  - The team scoring the most goals by the end of full time wins.
  - Ball must cross the line goal line. Touching the goal line wont be considered as a goal.
  - T Immobilization of a bot for 30 seconds will lead to-disqualification.
  - 1 minute of technical timeout will be given for free. Extra technical timeout for every
  - one minute will be considered as goal for opponent
  - Direct goals are valid
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# GAMEPLAY RULES



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  - A bot must not hold the ball for more than 10 seconds in a stationary position.
  - The ball must remain in motion when the bot is moving.
  - Robots can push or hit the ball, but they cannot grab or withhold it.
  - Match Duration 3mins 2halfs
  - The match duration will vary based on the number of participating teams.

# REFREE AND ORGANIZERS

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  - The referee makes all decisions, and participants must abide by them.
  - The event organizers can make changes to the rules, such as clarifying rules or modifying rules due to special circumstances.



# CO ORDINATORS:

**ABDUL KAREEM N**



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