



INTERNATIONAL INSTITUTE OF
INFORMATION TECHNOLOGY

NAYA RAIPUR

ROBO KICK

INTRODUCTION

- This event is a platform for participants to showcase their talent in Robotics field and also to bring alive the football spirit. They are required to build a manually controlled bots wired/wireless capable of playing soccer on an arena specially designed for the robotic soccer match.

Basic guidelines

- Each team can have maximum 4 members.
- The robot's dimension should not exceed by maximum 25cmX25cmX25cm.
- The start zone for the robots is 500mmX500mm.
- Teams will be provided 220 volts 50 Hz AC supply.

Proceedings

- The game will last for two halves of 4 minutes.
- 1 minutes of setup time will be provided to each team for setup and testing.
- Ball will be placed at the center of the arena at the starting of the match.
- After the first half, goals will be swapped.
- In case of tie 3 min extra time will be given. The team to score first goal during the extra time will win the match.
- Each goal scored by a team by rolling the ball on the ground will fetch the team 1 point.

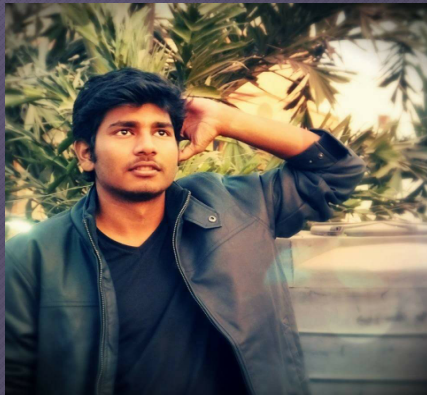
Rules and Regulations

- A goal will be considered to be scored only if the ball has crossed the goal line completely.
- Grabbing the ball is not allowed. So bots should not have any kind of grabbing mechanisms.
- Ready-made Lego kits are not allowed. However, ready-made gear assemblies and development boards may be used.
- Any kind of intentional damage caused to opponent team's bot will be considered as foul.

Eligibility

- All students with a valid identity card of their respective institutes are eligible to participate in the event.
- Students from different institute can also form a team

Coordinators



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