

# RULE BOOK

## GENERAL RULES

- This is a team event.
- A team can have 2 to 4 members.
- A team may comprise members from different colleges. No person shall be a member of multiple teams.
- Teams have to showcase and get their bots measured as per specification before the match.
- No bots can be shared by two teams.
- Robots are not allowed which are constructed using LEGO kits or its spare parts or any other readymade mechanism.



## ROBO KICK (ROBO SOCCER)

# RULE Book

## GENERAL RULES

- Use of pneumatics, hydraulics, lethal weapons like projectiles, acids, sharp cutters, strong electromagnets, tesla coil, fire, and EMP are strictly prohibited.
- Bots are not allowed to pick or hold the ball with the bot, if found faulty may lead to disqualification.
- The bot can be wired or wireless.
- Intentional Damage to the arena may lead to disqualification of the bot.
- The right spirit of participation is expected from every participant.
- A team can be disqualified on disciplinary ground.
- The decision of the coordinators will be deemed final.



## ROBO KICK (ROBO SOCCER)

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## BOT SPECIFICATIONS



## ROBO KICK (ROBO SOCCER)

- Dimension of the bot shouldn't exceed 30cm × 30cm (L × B)
- Weight of the bot must be below 3 kg, no tolerance.
- Maximum allowed voltage is 18V.
- Power of the bot should be fixed throughout the play.
- Variable power is prohibited.
- For wired bots, pulling wires to alter the movement of the robots will not be Tolerated and may lead to disqualification.
- The robot may have some sort of ball hitting mechanism but the robot, as a whole, must comply with the dimension constraints throughout its performance.

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## BOT SPECIFICATIONS

- Touching the robot during the competition is strictly prohibited.
- Loose weights on the bot are not allowed.
- The length of wire attached with wired robots should be at least 5m.
- Unnecessary attack on the opponent bot is not allowed.



## ROBO KICK (ROBO SOCCER)

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## EVENT DETAILS



## ROBO KICK (ROBO SOCCER)

### PRELIMS

- The bot has to score goal by passing through obstacles in the arena.
- For every Goal scored +50 points will be credited
- For every obstacle touch -10 will be deducted.
- A total of 3 minutes will be given to the robot in the arena.
- Once the timer starts , it will stop after 3 minutes,no hand touch is allowed.  
Until the bot topples the bot will be replaced. Technical time-out of 1min will be given.
- According to the scores, the top 8 or 16 teams will be qualified for the next round.

# RULE BOOK

## EVENT DETAILS

- 1v1 play between bots.
- 1v1 will be chosen through a lottery system.
- The ball will be placed at the center of the arena,bots will be placed in the extreme opposite corners of the arena .
- A total of 6 minutes of Game play with 3 minutes of each half.
- A total of 2 minutes of repair timeout will be given to every team .
- In case of a tie golden goal wins.
- In case of deadlock between bots for 10 seconds,the position will be reset and back to original .



## **ROBO KICK (ROBO SOCCER)**

## KNOCKOUT

# RULE Book

## EVENT DETAILS

### FINAL

- 1v1 play between two bots from knockouts
- The ball will be placed at the centre of the arena,bots will be placed in the extreme opposite corners of the arena .
- A total of 8 minutes of Game play with 4 minutes of each half.
- A total of 2 minutes of repair timeout will be given to every team .
- In case of a tie golden goal wins.
- In case of deadlock between bots for 10 seconds,the position will be reset and back to original.

## CONTACT US

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## **ROBO KICK (ROBO SOCCER)**