



## KICK OFF

### EVENT FORMAT:

The event consists of two rounds:

#### **Round 1: Qualifiers**

- In this round, each team will try to shoot goals from 5 fixed locations of the arena. Single attempt will be allowed from each location. The round lasts for 5 minutes.
- The bots should not move more than 25cm from the shooting position after taking a shoot.
- The objective of the round is to score maximum number of goals in minimum time.
- The teams will be ranked according to the gross points and the best eight will move on to next round.

#### **Round 2: Knock-out**

- The teams will be fighting amongst each other in a knockout match. The winners will move to semi-finals and then to finals.
- The objective is to score maximum number of goals.

#### **Quarter and semi-finals:**

- Two teams will face each other in a 6 minute match split into two halves of 3 minutes.
- An interval of maximum 1 minute will be given between the 2 halves.
- The objective is to score maximum number of goals.

#### **Final:**

- Two teams will face each other in a 10 minute match split into two halves of 5 minutes.
- An interval of maximum 2 minute will be given between the 2 halves.
- The objective is to score maximum number of goals.



## **JUDGING CRITERIA:**

### **First round:**

- Each goal scored will give 100 points. Each second saved from the limit of 5 minutes will give 2 point each. Gross point is calculated.
- In case of tie in ranking, the team with maximum number of goals will be given priority.

### **Second round:**

- The team with maximum number of goals after full time will be declared winner.
- In case of a tie in score, 3 Free kicks at different positions shall be given to both the teams. The team scoring maximum number of goals will be declared winner. After penalty shoots, if tie status remains intact, one more round of penalty shoots may be taken.

## **SPECIFICATIONS:**

### **Team specifications:**

- Each team can consist of maximum five members.
- Each team member should be a student of an Authorized college. Students from different colleges can also form a team.

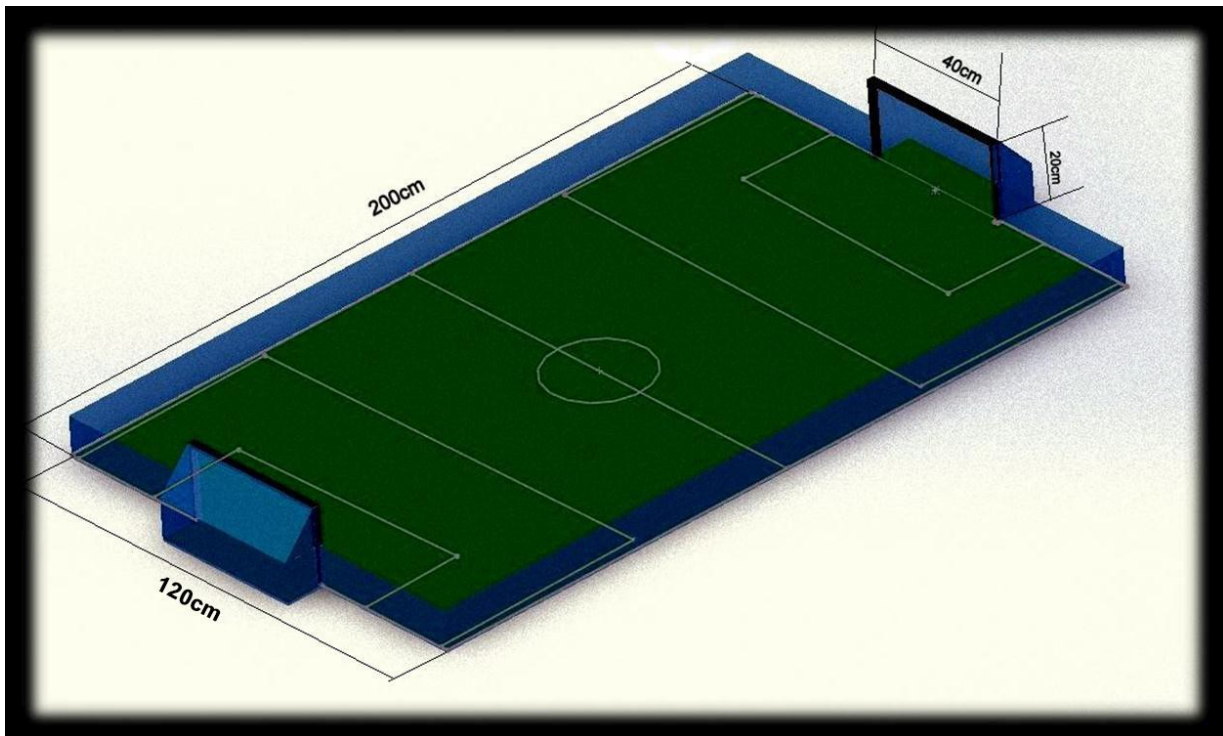
### **Robot specifications:**

- Dimension of Robot should be within the limit: 25cm x 25cm x 25cm.
- The robot should be manually controlled and can be wired or wireless. In case of wireless bots, their operating frequency should be adjustable, so that no two robots in any case have same operating frequency. This matter should be checked and dealt with, prior to the match.
- Potential between any two points on the robot should not exceed 12V.



- No sticking or ball holding mechanism should be used by robots. Robots should not cover the ball from top or around, they can either push or shoot.

## Arena specifications:



- Dimension of arena: 120cm x 200cm.
- Goal post: 40cm x 20cm.
- Dimension of D: 60cm x 45cm
- Ball used will be of regular tennis ball size. Max-weight: 100gm.



## RULES AND REGULATIONS:

- Any failure in meeting the specifications can lead to disqualification of the team.
- Each participant should bring college ID proof.
- Any of the Robots should not be modified after any round or in between the rounds whatsoever. Although repairing of bots like wiring, soldering, tightening screws etc. are allowed.
- In 2<sup>nd</sup> round, Warning will be given if intentional ramming (foul) is seen.
- On the second warning, robot found doing such malpractice will be disqualified.
- Foul inside D can lead to penalty, where ball can be shot freely in obedience with first round rules of shooting with opponent standing in front of post. Penalty shall be taken from the border of D.
- If ball goes out of the arena, a free kick is awarded to opponent. In this case, bot ▲ Has to keep a minimum distance from the bot who is awarded free kick.
- The organizers reserve the right to change any or all the rules as they deem fit.
- Decision of organizers shall be treated as final and binding on all.
- Robots should be checked well before the match. If a robot is damaged during the match it will be considered team's liability. However, an extra time of 2 minutes **may** only be given in Case of accidental damage of solder joints, leading to circuit failure.

## CONTACT DETAILS:



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The Annual Techno Management Fest

WISSENAIRE

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