

GAMEPLAY:

Participants have to build a manually controlled robot that can be able to grab and move around flag poles of their respective teams. Two teams will start on the arena, Blue team and Red team. Each team is given 3 flags. The Red team's flags will be in the Blue team's territory and vice versa. The objective of the each team is to steal their own flags from the opponent's territory and return with the flags to their own territory. In the meanwhile, bots are allowed to block, push their opponents in a bid to stop them from stealing the flags.

GAMEPLAY RULES:

1// The game duration would be a total of 7 minutes.

2// There's one timeout available with teams to sort out any technical glitch.

(Gameplay for both teams stop but only the team which appealed for the timeout is allowed to touch the bot.)

3// Points and Penalties:

- The game ends when one team returns home with all its flags under the specified time limit.
- Each flag returned corresponds to 30points.
- Time remaining in seconds are added to the final score of each team.
- Picking up each flagpole from the initial point is rewarded with 10 points.
- Dropping the flags in the arena will attract a penalty of 10 points.
- In case where one of the bots is damaged the team is disqualified.
- Hand touches by team members are not allowed. Incase the team wants to manually reset the bot, the organisers will

reset it. Penalty for each requested hand touch costs the team 30 seconds of gameplay.

4// Dimensions:

- The bot should fit into a box of the size 25x25x30 (LxBxH).
- Height of the flag pole is 30cm.
- Width of the flag pole is 2cm.

5// General Rules:

- The maximum number of participants allowed per team is 4
- The Participants will be provided with 220Volts, 50Hz standard AC supply.
- Participants will have to arrange for any other power supply required for their bot by themselves.
- The potential difference between any two points must not exceed 24V DC.
- The bot weight must not exceed 4kgs.

Organisers have the final decision regarding points and judgements and any slight changes in the arena.



