OPEN CATEGORY

Eligibility: 9yrs to 18yrs

Game rules:

➢Any robotics kit can be used

➢Field setup 10'ft x 5'ft

➢Game timing: 15mins

➢ Referee's call is the final decision

➢Robot has to start from the safe base only

➢ Robots raid time is 30 seconds and 2minutes break between raids.

➢ Robot operator can tinker with the robots during the break time.

➢ Robots should be controlled using wireless RC only .

Challenges in building the robot:

➢Weight of the robot should not exceed 3kgs

➢Robot size 30cm length x 30cm breadth x 30cm height

➢ Battery capacity not more than 12v

➢Maximum of three motors

➢ sensors no restrictions

Penalty points:

➢Minus 10 points will be given, if the participants touch the robot during run time.

➢Minus 20 points, if the robot damages the field mat during the run.

Points table:

Raider out	20
Bonus Point	10 each
Self Out	20
Defender out	20
Tackle Point	20

Raider out:

1. When the raider bot doesn't finish the raid with in 30 seconds and return to raider side.
2. When the raider bot fails to cross active line.
3. If the raider bot touches the opponent's lobby without making any contact with the defender bot.
4. If the defender bot pushes the raiders bot out of the lobby.

Bonus Point:

1. If the raider bot displaces the defenders bonus cone from its

original position. (10 x 2 if 2 bonus cone is displaced).

Self Out:

1. If the defender bot touches their lobby without making any contact with the raider bot or any part of the defender robot cross the border line of their side.

Defender Out:

1. When the raider bot touches the defender bot and crosses the middle line within 30 seconds.
2. When the defender robot goes out of their lobby or border while pushing the raider bot out.

Tackle Point:

1. When the defender bot tackles the raider bot and doesn't allow the raider bot to cross the middle line in 30 seconds or pushes the raider bot outside the border or lobby of the defender's side.