

## **ROBO WAR**

BOOM. THUD. BOOM. THUD. Sounds familiar? No. Not WWE. Something similar, except that it is your bot that is going to bleed. Gather yourself up, but don't go easy on the other bots, cause you either win or you get knocked out.

- The event mainly focuses on testing the strength of the robots.
- This event also tests your stability control, handling, and your techniques in competing with your opponent. The track will be revealed during the competition.
- The playing arena is a square smooth platform having walls around with a pit in the centre.
- A number of robots will be in the ring at the same time and the objective is to push other robots inside the pit.
- The robot standing last in the ring wins it.

### **GENERAL RULES:**

- Team can have maximum number of 4 members.
- Team members can be from different colleges.
- A team is allowed to play with only one robot.
- No one should touch the robot during the game doing so will lead to elimination.
- In case of wired robot the wire should remain slack and lifted throughout the race. It should not disturb the arena or the participants. If so then the team will be disqualified.
- Unfair game may lead to disqualification of the team.
- The robot should not Damage the field. Damaging/harming the arena may lead to disqualification.
- Decision of the Event Organizers shall be treated as final and binding on all and cannot be contested.

### **BOT SPECIFICATIONS:**

- The robot can have maximum dimensions of Length: 30 cm, Breadth: 30 cm, Height: 30 cm
- Maximum Weight: 6Kg.
- The robot can be controlled by wired/wireless. (Preferably wireless)
- If the robot is controlled wirelessly the robot must have a frequency remote control circuit which can avoid frequency interference with other teams.(Recommended to have 2 frequencies to avoid interference)
- The maximum potential difference between any two points should be 12 volts D.C.
- The maximum current rating of battery should be 5A.

- Robot must have power supply on board.
- Power supply for charging the battery will be provided.

### **FIELD SPECIFICATIONS:**

- The field will be a flat, square and rigid platform without any obstacle. The dimensions of which will be revealed on the spot.
- The pit into which the robots must push each other will be in the centre.

### **CONTACT:**

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