

Robo War

Introduction:

It's not a contest, it's a War. Here is a nice platform for you to show your warrior attitude. This is not a war between evil and God, but for the great techno-minds, who design the robots.

General Rules:

- The robot will be controlled by wired/wireless remote from outside the arena.
- In case of wired bots, the length of wire should be minimum 10-12 meters so that the wire remains slack at any instant of time. If the participants use wireless mechanism then it is mandatory to use a dual frequency remote.
- The participants have to carry their own power supply.
- This is one on one match.
- Our team will not be responsible for any damaged one to the robot in the arena.
- Teams have to be present on scheduled time and delay will lead to disqualification.

Knock-Out Stage:

- The team should score maximum number of points in order to win the match.
- The knock-out stage will have two halves, each of 4 min with a break time of 1 min between the two halves.
- The robot can move in the whole arena.
- In case of tie, additional 1 min will be given for competing. If ties till persists, coordinators will decide the winner on the basis of performance.
- In case the robot of Team A gets stuck to robot of Team B during the match then all the robots will be replaced to the starting position. Violation of any of the above rules will lead to disqualification.

Robot Specifications:

- Dimensions of the robot should be 40cm x 40cm x 40cm.(lxbxh)
- External device used for control are not included in the size constraint.
- Weight of the robot should not exceed 10kg.
- The weight of adapters and the remote controller will not be included in this constraint
- Mobility.
- Maximum voltage and current in the circuit should not exceed 12Volt DC and 15Ah at any time.
- Only upto 5% tolerance will be allowed else the bot will be unfit for the game and will lead to disqualification
- Methods of mobility include: Rolling (wheels, tracks or the whole robot), Walking (linear actuated legs with no rolling or cam operated motion), Ground effect air cushions (hovercrafts), Jumping and hopping is NOT allowed and Flying (airfoil using, helium balloons, ornithopters, etc.) is NOT allowed.
- No blades or Cutting Tools are allowed.

For more details contact:

Mayank Chaudhary

7976694132