

Rajiv Gandhi University of Knowledge Technologies

Basar, Telangana.

ANTAHPRAGNYA-2K18

Notice No: 100

Date: 06-Mar-2018

Department of Mechanical's ,

DESCRIPTION:

It's not a contest, it's a war.

Here is the best platform for you to show your warrior attitude.

This is not war of evil and good, but for the great techno-minds who design robots.

Problem statements:

The challenge is to create a robot (manually controlled), whose sole purpose is to push, throw, flip, drag or otherwise move your opponent out of the arena within the stipulated time. This event aims to test your Robot against another in a field of combat where strength and cat-like reflexes hold the key to success.

ROBO SPECIFICATIONS:

- 1) The maximum dimension of the robot can be 25 cm x 20cm x 15 cm (l x b x h).
- 2) The robot has to be controlled wireless.
- 3) Maximum weight must not exceed 3 kg.
- 4) The robot must have a frequency remote control circuit which can avoid frequency interference with other teams.
- 5) The maximum potential difference between any two points should be 12 volts D.C.
- 6) The machine must not be made from Lego parts, or any ready-made kit, if we find such machine, it will be disqualified.

Mobility:

All bots must have easily visible and controlled mobility in order to compete. Methods of mobility include:

- Rolling (wheels, tracks or the whole robot).
- Jumping and hopping is not allowed.
- Flying (using airfoil, helium balloons, ornithopters, etc.) is not allowed.

GENERAL RULES:

- 1) Team can have maximum of 4 members.
- 2) A team is allowed to play only with one robot.
- 3) No one should touch the robot during the game, doing so will lead to loosing the points.

How the game will be:

- 1) There are two levels.
- 2) The team which will qualify 1st level will go to 2nd level and then depending upon number of teams the semi-final and final rounds will be conducted.
- 3) The final level will be declared on the time of event.
- 4) Points and rules will be declared at the time of event.

NOTE :

These rules may be modified depending upon the number of teams and final decision will be taken by organizers.

Registrations will be closed on 13th Mar 2018

NO SPOT REGISTRATIONS

Organizers :

S.Dharma shiva Mobile: 7731884710

Sai Vinod Kumar Mobile: 8465023163

Regards,
Team Antahpragnya 2k18