

SUMOBOT WARS

“Real steel”

INTRODUCTION:

Robot-sumo or pepe-sumo is a sport in which two bots attempt to push each other out of a circle (in a similar fashion to the sport of sumo). The robots used in this competition are called sumobots. The engineering challenges are for the robot to find its opponent (usually accomplished with infrared or ultra-sonic sensors) and to push it out of the flat arena. A robot should also avoid leaving the arena, usually by means of a sensor that detects the edge.



PROBLEM STATEMENT:

Sumo bot wars Mini is a real-time arcade game in which two opponents would be competing with manually operated robots with the objective of conquering the arena by pushing out the other opponent. The last robot standing would be the winner. The bot will be provided by ISF Team.

RULES & REGULATIONS:

- At last participant with the minimum score will be decided as the winner.
- If anyone find using unfair means will be disqualified on the spot.

JUDGING CRITERIA:

- If any of the bots is not pushed out of the ring in the given time period, the one with minimum number of hits will be the winner.
- In case of any discrepancy the decision of jury will be considered as the final decision.

TEAM SIZE:

Stand alone event therefore individual participation is invited.

ELIGIBILITY CRITERIA:

- All students with a valid Registration Card of DEXTRA 2014 along with their respective educational institutes' ID Cards are eligible to participate.
- Non-JUET participants must possess an Accommodation Confirmation Letter (ACL) issued by the organizing body at the time of registration. Registration Card will not be issued without ACL

EVENT MANAGER:

Sheelvrata Mishra (9479302505)

Pradeep Pandey (9479302650)

Sonu Kumar (9575601930)