SUMO WAR – EXPRO’16

Task:

Two robots compete in a head-to-head match following the basic system of traditional human sumo matches. The sole purpose is a pushing match between the two robots to force the other robot from the arena by techniques.

Bot Specifications:

- Robot dimensions should be within 40 cm*40 cm*30 cm (l*b*h)
- Robot weight should be within 10 Kg.
- Weapons are not allowed since it is a sumo war (cutters, saws, flippers, pneumatic or hydraulic lifting devices and spanning devices, etc...)
- The electrical voltage between two points of battery should not be more than 24 V DC.
- The robot control may be wired or wireless.

Rules:

1. A team can have a maximum number of 3 members.
2. The length of each match is 3 minutes.
3. Team members can be from different colleges.
4. A team is allowed to play with only one bot.
5. Decision of judges shall be final and it will be binding to all.
6. Any non-disciplinary action will be viewed seriously and the participant will be disqualified.
7. The organizers, at the sole discretion reserve the right to alter or change the above specifications or rules at any time.

Arena Details:

- Rectangular or Square or Circular sized cardboard with any dimensions.
- Lifted to one foot from ground.