Robo War

- 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 within 8A.
- 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.