ROBOWAR

1. **Name of Event: Robowar**

2. **Image of your event:**

1. **Eligibility Criteria:**
   The contest is open   for B.E/B. Tech and Polytechnic level students.

   Purpose:

   Design a machine (manual control) which is capable to fight with opponent in the arena. And the destruction is the only way to show the power; here the robot who shows the power will be king of the arena.

3. **Theme(if any) Applying an electromechanical knowledge which supports to conduct the various actions simultaneously over on the basis of synchronization**

4. **Rules and Regulations:**

   Machine Specifications:

   1) The machine should fit within a box of dimensions 50*50*50(L*B*H) cm.

   2) The Machine should not weight more than 10Kg.

   3) Both wireless and wired machines are allowed.

   4) Use of readymade Logo kits is not allowed.

5) Participants will be allowed to use maximum 24V DC power supply.

6) The external device used to control the machine or any external tank is not included in the size constraint.

5. **General Guideline (if any):**
    Allowed:-

    1. Commercial batteries like dry cells and lead acids.

    2. Lifting, rotating mechanism. Any types of pressure Mechanism (like pneumatics, hydraulics).

    3. Any type of weapon system can be used.

Not Allowed:-

1. DRUMS

2. Circuit jammers.

3. Chemicals, compressed gases &rockets, fuels, combustion power methods.

4. Fire, water weapons and magnets.

5. Use of I.C. Engine in any sense.

6. Change of battery will not be allowed during the match.

7. **Judging Criteria:**

    Points will be given to the team on the basis of lifting a robot, pinning a robot and damaging the opponent robot within the specified time limit.

8. **Note(if any)**

    1. Voltage limit is ___24V___. Excesses voltage supply will not be allowed.

    2. Your own power supply will also allow, but it should not excess than our given limit of voltage.

9. **Fees: - 300/- per team, Max 3 parti.**

10. **Prizes: First Prize: 3000   Second Prize: 2000**

11. **Event Coordinators** (Students and faculty with their contact nos.)

    Event coordinator   **Student Coordinator**
    Prof. Pradip Bhakare (9075746813)   **Arpit Metkar - (8767912728)**
                                          Vaishnavi Mali - (8007881836)   Sharvari Kute