



# AVENSIS-2023

(THE ANNUAL TECHNICAL FEST OF MSIT)

presents

# “ROBOWAR”

(ROBOT COMBAT COMPETITION)

## EVENT DETAILS

### **Objective:**

ROBOWAR is a combat competition. The only way to win the fight is that you have to pin down or destroy the opponent robot. The fittest one will survive in this event. Robots may be equipped with mechanical weapons such as blades, saws, cutters, claws etc.

### **Robot Specification:**

1. Maximum permissible volume. Fully unfolded robot must be within the limits of 40 cm X 55 cm (l x b). There is no maximum height for a robot (dictated by the design and weight constraints).
2. Robots can have weapons such as cutters, flippers, saws, lifting devices, spinning hammers etc. Use of liquid projectiles, any kind of inflammable liquid, flame-based weapons, radio jamming devices, high power magnets or electromagnets, are not permitted
3. Both AC and DC controlled voltage systems are allowed.

### **Winning criteria:**

1. The competition will be played on a knock-out basis consisting of 2 players at a time.
2. The maximum duration of each War/Fight will be 5 minutes.
3. The robot will win if the robot pushes the opponent to the ditch successfully or successfully immobilizes the opponent or out of the arena.
4. Match will be interrupted if crossings of wire take place.
5. No member will be allowed to enter the war zone without permission of coordinators.
6. The organizers reserve the rights to change any or all of the above rules as they deem fit.
7. Violation of any of the above rules will lead to disqualification.

### General Rules:

1. Each team can have a maximum of four members. Students from different institutes can form a team.
2. Robots will be inspected for safety and reliability before being allowed to compete.
3. Disrupting an opponent's power is not allowed.

### Prizes:

FIRST POSITION	RS 4000
SECOND POSITION	RS 2500
THIRD POSITION	RS 1500

**VENUE- MSIT BADMINTON COURT**

**DATE AND TIME- 19/04/2023 1:30 ONWARDS**

