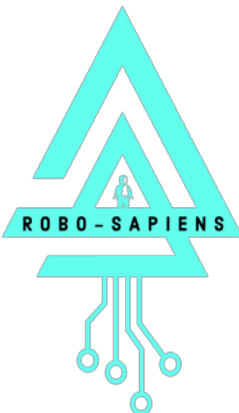


GENERAL RULES



1. Instructions for BOT/ROBOT/MACHINE:

- The weight of the bot/robot/machine must not cross 15kg/60kg (depends on the category in which the team is taking part).
- All the batteries must be inside the bot/robot/machine.
- The weight of the remote controller will not be counted.
- There will be no restrictions on the dimension of the bot/robot/machine.
- The bot/robot/machine must be controlled only through a wireless remote.
- No wired bot/robot/machine allowed.



2. Safety Rules and Regulations:

- The machine must be powered electrically.
- Use of IC engines are not allowed.
- Use of damaged, non-leak proof batteries may lead to disqualifications.
- All weapons must have a safety cover on any sharp edges.

3. Arena specifications:

- The arena size will be 16ft * 16ft * 8ft and elevated by 2ft.
- The whole arena will be covered by 10mm polycarbonate bulletproof sheet.



4. Team :

- ❖ Any team can participate in Robowars, Technunctus. A team may consist of a maximum of 6 participants. These participants can be from the same or different institutes.
- ❖ Each team must specify their team representative (leader) at the time of registration on the website. All the important communications between Organizers and the registered teams will be done through their team representative.
- ❖ The team representative must submit valid contact details (phone no., email ID etc.) at the time of registration.
- ❖ Every team needs to register themselves at the website from which they will get their Team ID. Hence it is a must to register at Website. Organizers will make sure that the registrants are informed about any updates through email/SMS.



5. Match Type and Duration:

- Matches will consist of 3 minutes of active fight time exclusive of any time-outs. Hence, it is not binding but advisable to keep battery capacity, power usage and machine defenses such that they can sustain a 3- minute fight.
- Rumble: A combat between more than 2 robots simultaneously.
- Match can be 1 on 1 combat between 2 robots or of Rumble types.



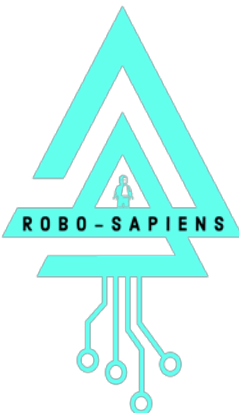
6. Criteria for victory:

- A robot is declared victorious if its opponent is immobilized.
- A robot will be declared immobile if it cannot display the linear motion of at least one inch in a time period of 10 seconds. A bot with one side of its drivetrain disabled will not be counted out if it can demonstrate some degree of controlled movement. In case both the robots remain mobile after the end of the round, the winner will be decided subjectively.
- A robot that is deemed unsafe by the judges after the match has begun will be disqualified and therefore declared the loser. The match will be immediately halted and the opponent will be awarded a win.
- If a robot is thrown out of the arena the match will be stopped immediately, and the robot inside the arena will automatically be declared as the winner.
- Points will be given on the basis of aggression, damage and control.
- **All the decisions taken by the judge will be final and binding to all. Any queries afterwards will not be entertained.**



7. Written Abstract:

1. The weapon system must be explained in detail, along with proper diagrams and pictures.
2. The functioning of wireless remote or any other wireless module used for wireless remote, and its frequency, must be explained.
3. A description of any unusual advantageous mechanism used must be given. The specifications of all the components used, including motors, suspension springs, remote controller, wires, battery etc. have to be mentioned.
4. All submissions must be made online before the deadline.
5. Soft copy of the permission regarding pneumatics and hydraulics capacity must be mailed to us before the deadline. A hard copy of the permission must be brought with you to the competition. Teams failing to do any of this (soft copy submission and hard copy presence), will not be allowed to participate.
6. Deadline for submission of abstracts is **7 march,2020**. Further instructions for abstract submission will be sent by mail only to registered participants.



8. Certificate Policy:

- Certificate of Excellence will be given to top two teams.
- Certificates of Participation will be given to all the teams.
- The teams which get disqualified due to disobeying any of the competition rules will not be considered for the certificate.

Note : The judges invited are experts in the field of robotics and such their decisions will be final in all cases.

