SPRINT-R

THE ROBO RACE

Guidelines

Description:

It will be a race on a fixed obstacle course. The Competing bots must overcome all the obstacles while staying on the dedicated track. The fastest bot to complete the course will be declared the winner.

Rules & Regulations:

1. This event can be participated as a single person or a team.
2. In case of a team, a maximum of 3 members are allowed in 1 Team.
3. The competing Robot must be self-assembled. Commercially available and ready-made robots are not allowed.
4. The Robots must be electrically powered. Combustion Engines are not allowed.
5. Batteries must be sealed, immobilized electrolyte type (gel cell, lithium, NiCad, or dry cells).
6. The robot should not damage the arena.
7. The Robots can be wired or wireless. However, they have to be manually controlled and NOT Self-Driven.

8. Wires should remain slack during the entire course of the run. Pulling the wire to aid the robot in traversing may lead to disqualification.
9. The robot must not leave behind any of its parts during the run; else it will result in disqualification.
10. In case of wired robots, the length of the cable to the controller must be at least 6 feet to ensure that there is a considerable sag in the cable.
11. There will be checkpoints in the course.
12. If any Robot falls off the track at any point, it will be allowed to reset from the last checkpoint.
13. The robot will be judged based on (in priority): A) Time to complete the track. B) Number of checkpoints cleared.
14. The Judge's Decision will be Final.

The Robots must follow the Required Specification:

- Length (Max.) – 20 cm
- Width (Max.) – 15 cm
- Ground Clearance (Min.) – 3 cm
- Control – Manually Controlled (Can be Wired or wireless)
- Min. Wire Length (In case of Wired control system) – 6 Feet
- The Robot must have the college name or logo on it.

PLEASE NOTE: A Registration Fee of ₹100 per team member has to be Paid.