

Robo Race

ABOUT:

Can you tame your bot over undulating terrains and obstacles & at the same time keep time under control? Don't hesitate to come, compete and challenge some of the best bots to claim the prize as your own.....

TASKS:

To complete the entire track in the least possible time as well as with the maximum points.

GENERAL RULES:

1. Each team may consist of maximum 5 members.
2. Students from different educational institutes can form a team (OPEN to all).
3. There is no restriction to the number of teams participating from the same institute.
4. No person can be in two teams for the same event.
5. All teams must be present before the commencement of the event. Teams will be disqualified if they do not turn up during the slot allotted to them.
6. There will be a qualifying round followed by the finale.
7. During the round only two of the members will be allowed in the track to control and guide the bot. Teams are allowed to switch members.
8. Point system and additional rules will be disclosed on the day of the event.
9. Time will not be given to candidates to prepare their bots inside the arena. Inactivity of bots for more than 60 secs will lead to deduction of score.
10. LEGO kits or its spare parts or pre-made mechanical parts are not allowed.

The decisions of the coordinators are final and binding.

BOT SPECIFICATIONS:

1. The dimension of the bot must not exceed 25cm x 25cm x 25cm (length x breadth x height). A 10% allowance will be given to the participants.
2. The weight of the bot must not exceed 3 kg. A 10% allowance will be given to the participants.
3. The external wired control used to control the machine manually is not included in this size constraint.
4. If the machine uses an externally placed power supply, the dimensions of the power supply are not included in the size constraint. However, in case of an on-board power supply, the machine along with the power supply should follow the rule mentioned in clause 1 and clause 2.

POWER SUPPLY AND CONTROL MECHANISM:

1. The machine can use an externally placed or on-board electric or non-electric power supply.
2. In case of an electric power supply, the voltage at any point on the machine must be lower than or equal to 24V at any point of time during the game.
3. The organizer will provide 230V, 50 Hz AC power supply. Any extension cords, adaptors or battery box etc. required will have to be arranged by participants themselves.