



ROBO EXPLORER

“The winner isn’t the one with the fastest bot, it’s the one who refuses to lose.. Will it be the same with you?? Show your guts and adrenaline at sankalp!!!!

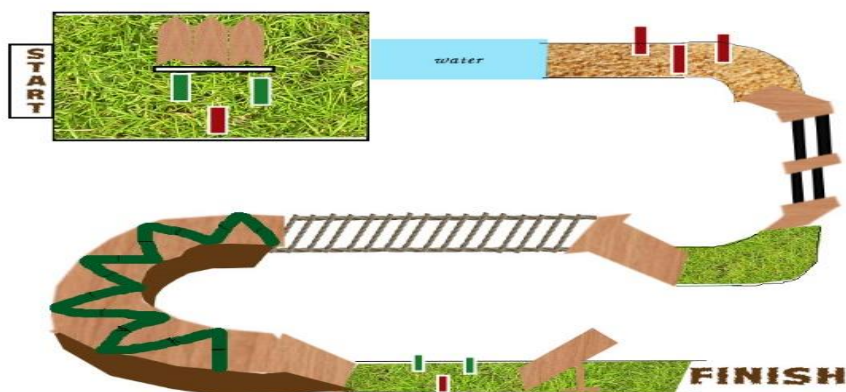
It's time to place your robot in the challenging arena comprising of all possible terrains like sand, pebbles, obstacles, bumpers, bridges, marbles, inclines, sea-saw, dips, cliffs, ramps, banks, etc.

ROBOT SPECIFICATIONS

- ❖ The maximum dimension of the robot can be 30 x 30 cm
- ❖ The bots can be powered on-board as well as off-board.
- ❖ In case of off-board power supply the wires must be kept long enough to cover the whole track and wire should remain slack during the complete run.
- ❖ Max weight must not exceed 5 kg.
- ❖ The power supply will be provided maximum up to 18Volt.
- ❖ Readymade toys car are not allowed.

ARENA

- ❖ Track width is 40 cm normally and it may change at some place.
- ❖ The track surface and course line may have unevenness.
- ❖ There will be a inclination, but this will not exceed 30 degrees.
- ❖ The design and size of the obstacles in the track which will try to slow down the bot.
- ❖ The arena will consist of various obstacle along with sand, bumpers, water, Depth of water etc..



RULES

- ❖ This is a team event. The maximum number of participants allowed in a team is 4.
- ❖ A team may consist of students from different/same colleges.
- ❖ A participant cannot be a member of 2 different teams in this event.
- ❖ Any action violating fair play will lead to immediate disqualification.
- ❖ The decision of the coordinators will be final & binding.
- ❖ It should be noted that the main chassis should remain the same throughout the event.
- ❖ The participants will be provided with 220 volts, 50 Hz standard AC supply.
- ❖ There will be a maximum of 2 Restarts where the bot will be placed at the starting point and the clock will be set again, at the cost of a penalty.
- ❖ Rules may be modified after the commencement of the event.