ROBO RACE

TYPE: TEAM EVENT

Design a robot either wired or wireless within the specified dimensions that can be operated manually and can travel through all turns of the track. The robot that will complete the specified task in least time will be the winner.

ROBOT SPECIFICATION

1) Maximum width of the robot can be 25cm. So that it does not extend track width.
2) The robot may be wired or wireless.
3) The length of the wire (for wired bots) should be long enough for free movement.
4) Weight of robot should not extend 2Kg.
5) The machine must not be made from Lego parts, or any ready-made kit, if we find such Machine it will be disqualified.

ARENA

1) Track width will be enough to fit robot of width 25cm.
2) The track surface and course line may have unevenness.
3) There might be abrupt angles.
4) There will be certain obstacles in the race track which will try to slow down the robot.
5) Arena will consist of speed breakers, ramp, slippery path etc.

GENERAL RULES

1) This is racing event so fastest to the finish line is the winner.
2) Robot should be as per the given specifications.
3) If robot is stuck or moves out of the track hand touches are allowed with a penalty of 10 seconds.
4) Each team can have maximum three member.
5) The robot should not damage the arena.
6) No test practice will be allowed on the arena.
7) Participants are instructed to bring their college/institution identity cards or any valid document which verifies that the participant is a student of the mentioned institution.
8) Registrations can be done on the fest's website. On-spot registration is also allowed.
9) Organisers' decision will be considered final.