

# PADRE CONCEICAO COLLEGE OF ENGINEERING, VERNA



## Rules:

1. A team comprises of maximum of 4 members.
2. An individual cannot be the participant of more than one team and a robot cannot be shared by two or more teams.
3. The maximum dimension of the robot can be 30cm x 30cm x 30 cm (lxbxh).
4. The weight of the bot should not exceed 3kgs.
5. The robot can be powered on board or off board.
6. The potential difference between any two electrical points must not exceed more than 12 volts throughout the run.
7. No external power supply will be provided to the participants.
8. Use of IC engines or compressor is not allowed. All vehicles must depend only on electric motors for their motion and control.
9. For wireless communication participants must have atleast 5 meters of radio range. It is recommended to keep dual frequencies for communication.
10. The coordinators will not be responsible for any electromagnetic interference in wireless communication.
11. Pulling of robots with connected wires on track will lead to disqualification.
12. The robots cannot be constructed out of readymade kits available in market. LEGO kits are not allowed.
13. The robots should not be disassembled until the results are declared.
14. Each team will have 2 trial runs. After the trials are over, the fastest time achieved during those trials will be chosen for the team.
15. Any time used to adjust robot between runs is included in the 5 minutes. The run (from the start to the finish point) in which a robot successfully reaches the destination point will be given as a run time. The minimum run time shall be the robot's official time.
16. No test practice will be allowed on the main track.
17. The Race track is subject to change before the commencement of any round.
18. Failure to comply rules or partaking with unfair means will lead to direct disqualification. Coordinators decisions are Final.