



ROBO CARRERA

Entry fee : Rs 350/- per bot

Team : 1 to 6

Winning Worth : RS 25,000/-

Prove your driving skills in the terrains & prove your RPM under some twists & turns

Get your batteries fully charged and get ready to experience the real robot race. The door to the exit is quiet far away. ROBO CARRERA is an event for amateurs as well as professionals to make their own robot and race against the creations of others in given time limit. This time the race will consist of bumps, pits and many more surprises and challenges for you. Design and speed of your robot car which will outrace its opponents on the track. ROBO CARRERA will test the speed of your robot, control of driver and intellectual skills on our created track wherein you will have to beat the clock and finish first.

TASK

- Participant have to prepare wired/wireless robot which can clear the track in minimum time with less damage.

ROUND 1

- The whole event will be single tracked. You will have to clear all the obstacles to reach the finish line the quickest. The time will be calculated for all the participants and the fastest will proceed to the next round.

ROUND 2

- The second round will be combination of, off road and concreate track, consisting of the obstacles. This round will check mental stability of the participants.

ROUND 3

- This time the participating team is not only going to deal with time, but speed and safety of the own robots as well. The mind of the driver will be tested.

RULES / JUDGING CRITERIA

- The machine should be not more than 300mm*300mm*300mm (L*B*H) in size. The measurements will be taken before starting the event.
- The minimum dimension of the robot should be 200mm*150mm*100mm (L*B*H).
- The weight of the robot should not be more than 5kg.
- All robots must have easily visible and controlled mobility in order to complete. Flying robots and toy cars are not allowed.
- The robots can be controlled wirelessly or with wires. No external supply will be provided to the participants.
- If the robot is wireless (remote controlled), then dual frequency type of control system is mandatory for participation. Frequency should not exceed 2.4GHz.

- The length of the wire should be more than 3 meters. Remote control systems from toys might be used(only if dual frequency is available). Remote control systems available in the market may also be used.
- Participants will not be allowed to change the batteries of the robot once kept on the track.
- The machine can be powered electrically only. Use of an IC engine in any form is not allowed. On board batteries must be sealed.
- The electric voltage between 2 points anywhere in the machine should not be more than 24V, DC at any point of time.
- All efforts must be made to protect battery terminals from direct short and causing a battery fire, failure to do so will cause direct disqualification.
- Use of damaged, non-leak proof batteries may lead to disqualification.

NOTES

- The final decision lies in the hands of the coordinator. Coordinator reserves the right to change the rounds and the rules on the day of the event.
- If a participant misbehaves or does not obey the rules and regulations of the event, event coordinators reserve the right to disqualify the participant.
- Teams should report 30 minutes prior the event.

FOR QUERIES CONTACT



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