



ROBO-VALLEY

CHALLENGE:

MORE SPEED, MORE POWER with minimum time.

Design a manually controlled ROBOT wired or wireless that has capacity to cover given distance in shortest possible time, challenging the hurdles. Think your robot can overcome any obstacle-big or small in the least of time. If so get it on the track and let the game begin. And bear in mind that maximizing RPM does not make you winner but winners are those who have good presence of mind, sharpness and practice.

ROBOT SPECIFICATIONS:

1. The maximum dimension of the robot can be 25 x 25 x 25 cm.
2. The robot may be wired or wireless.
3. The length of the wire (for wired bots) should be long enough to cover the whole track and wire should remain slack during the complete run.
4. Max weight must not exceed 4 kg.
5. 220 V main AC power supply will be provided.
6. At any moment potential difference should not exceed more than 24V.
7. LEGO kits are not allowed.

RULES AND REGULATIONS:

- 1) This is racing event so fastest and most balanced robot will win.
- 2) Robot should be as per the given specifications.
- 3) Each team can have maximum four members. Students from different institutes can form a team.
- 4) The robot should not damage the arena.
- 5) Coordinators have all the rights to take final decision for any matter during the event.
- 6) Judge's decision will be considered final.

***Rules may subject to change and any changes will be updated on website.**

For registration and further details...

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