



NEED FOR TORQUE – (NFT)

Task

:

Design a bot either wired or wireless within the specified dimensions that can be operated manually and can traverse through all twists & turns of the track having different types of terrains. The bot that will complete the specified task will proceed with the next round.

Think your bot can overcome any kind of obstacles. Be ready for

Rules & regulation

:

The team would consist of **minimum of 2 and maximum of 4 members**. Each member from same college is not mandatory.

The robot should follow the robot specifications provided. Any deviation from the mentioned specifications will lead to disqualification. Racing Rules would be provided on spot.

No test practice will be allowed on the main arena.

Terminals for charging the battery will not be provided in the college. The arena may subject to change before the commencement of any round.

Bot specification

:

Lego Kits or Prebuilt Toy Car Chassis are not allowed in any form.

The **L x B x H** should not exceed **25 x 25 x 15 (+10% TOLERANCE)**.

Weight : 2.5 – 3.0 kg. (0% TOLERANCE)

Voltage Spec : 6V/12V/18V, 10 Amps
(Pre-Fixed, before Starting Your Race).
Above 18V, 10Amps will lead to disqualification.

For Wired Bot the length of the wire should be long enough to cover the whole track **(10 m or above)**.





Batteries & Power :

The Bot must be powered electrically only either through **Adapters** or **Batteries**. Use of IC engine is not allowed.

Batteries must be sealed, immobilized electrolyte type (Gel cell, Lithium, NiCad, or Dry cells). Above 18 Volts, 10 Amps will be Disqualified.

General Rules :

The structure of the bot should not be changed during the competition.

During the game play, if any part of the bot gets damaged the participants will be given a timeout to repair **at an expense of penalty**. Only **1 time out will be given throughout the race**.

No readjustment is allowed during the run.

Unethical behaviour could lead to disqualification. Event Head Coordinator have all the rights to take final decision for any matter during the event.

If you have any sort of problems or doubts contact only the Event Head Coordinator regarding solution. If any person other than Event Head Coordinator misleads you by giving wrong information we will not be held as guilty.

Disclaimer : All Rules May Subject To Change Without Any Prior Notice.

Event Head Co-ordinator :

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