



ROBO VECHILE RACE

Event Description:

Rev your engines and brace yourselves for the ultimate battle of the bots! It's time for Robo race, where speed, agility, and intelligence converge to create a heart-stopping spectacle. Your competitors are not average racers - these Arduino-based bots are in the depth of technology, ready to take on any challenge that comes their way.

Team Specification:

1. The team can have a minimum of 2 & maximum of 3 members.
2. Students from different institutes can be a part of the same team.

Event Structure:

On the basis of minimum time taken, points will be given to each bot and the bot with maximum points shall win.

Bot Specification:

- The maximum Dimension of the bot can be 25 cm x 25 cm x 15 cm (L*B*H). Exceeding dimensions will directly eliminate the bot from the event.
- The bot must be controlled via wire or wireless control.
- The weight of the bot should not exceed 3 kg.
- A maximum power supply of 18V is allowed in the competition.
- Lego kits & any other kits are not allowed.

Event Details:

- The bots will have to race on a straight 40–50-meter track.
- There will be bonus parts on track moving on which will result in bonus points.
- Moving off-track will lead to a penalty proportional to the time the bot stays off-path.
- Any Human intervention will cost +5 second penalty.
- Collision of bots is allowed and will not result in any penalty.





Rules and Guidelines:

- Each team has to register online on the official TRISHNA'24 website or offline through coordinators for the event.
- The dimensions of the arena are specified beforehand.
- Any external power supply is not allowed during time of the race.
- Preparation time will be given to participants before starting the competition.
- There will be no checkpoints on the track.
- Time taken by each team will be a major factor for the judgment.
- Only one team member can drive the robot at a time.
- Lego kits or their spare parts or pre-made mechanical parts are not allowed.
- All participants are required to report 15 min before their allotted slot to the reporting desk, being late will be subjected to disqualification.
- All team members must have a valid TRISHNA id card and college id card in order to participate.
- Any misbehavior of participants during the event may lead to disqualification.
- TRISHNA will not be responsible for any late, lost, or misdirected entries.
- The organizing committee reserves the right to change any of the above rules as they deem fit, at any point in time. However, registered participants will be informed about any changes through email/ message/ WhatsApp groups.
- **The jury's decision will be final and abiding**

For any queries:

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