

The Annual Tech-Fest of GEC, Vaishali

VISION'25

13th- 14th Sept 2025

Robo Rush (Robo Race)

OBJECTIVE:

Robo Race refers to competitions where robots manually navigate a track or course, often designed with various challenges. Participants typically build and program their robots to perform tasks. The robot that will complete the specified task in least time will be the winner.

TEAM:

- Each team comprises of 3-5 members, with each team having a designated leader to handle communications with judges.
- Students from same institutes can form a team.



RULES:

1. 1 run per team; fastest time counts
2. Setup time: 2 minutes.
3. Max run time: 3 minutes / as per Arena.
4. Robot must be manually controlled.
5. Touching obstacles or going off track will incur penalties.
6. Only 1 handler allowed in arena during the run.
7. No modifications after setup .

TRACK DETAILS:

- Features: Speed bumps, sharp turns
- Surface: Carpet
- Course will be revealed on the event day.

ROBOT SPECIFICATIONS:

- Robot must move manually and must start via switch or remote button, no manual intervention allowed after the start
- The size of the robot shall not exceed 250mm (length) x 200mm (width) x 250mm (height)
- The total weight of the robot shall not exceed 2kg.
- The robot cannot be split or separated into more than a unit.
- External control using wireless system allowed

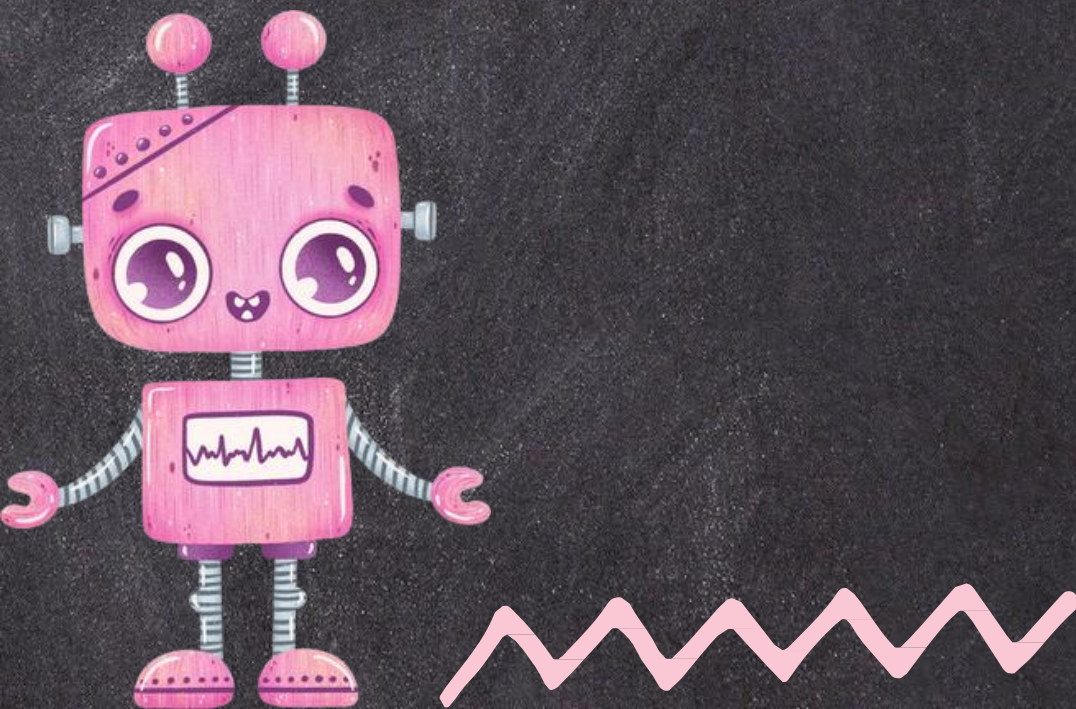


SCORING:

Event	Penalty
Skipping a segment	+5 sec
Restart from checkpoint	+10 sec
Manual touch	+3 sec

DISQUALIFICATION GROUNDS:

- Team is not present for robot inspection five minutes before the beginning of a match.
- Team's robot does not meet the specifications.
- Team member ruins the game.
- Team member displays unsportsmanlike behaviour.
- The trial time for the disqualified team will be recorded as 5 minutes.



WINNING CRITERIA:

- The teams will be ranked based on the team's final (fastest) time.
- In the event of a tie, the team's next trial time of the two tries will be referred.

VENUE: BASKETBALL COURT

For any queries contact:

Ashutosh Kant - 9525825072

Awneet Anmol - 6206334022

