

HURDLE HUSTLE

Event Overview:

Create a wired or wireless bot capable of navigating a challenging course filled with various obstacles such as bumps, U-turns, and elevators. The goal is to complete the course in the shortest time possible while maintaining efficiency. Show off the prowess of your bot by overcoming all the hurdles and aiming to be the best!!

Team Requirements:

Teams must consist of 2 to 4 members.

Event Criteria:

Judging will be based on:

Driving skills
Speed
Power
Time taken
Dimensions
Fabrication quality

Bot Specifications:

- Maximum dimensions: 25 cm x 25 cm x 15 cm (LWH). Bots exceeding these dimensions will be disqualified.
- Minimum dimensions : 20cm x 18cm x 10cm.
- Control: Bots can be operated using a wired or wireless remote (wireless is recommended).
- Weight: The bot must not weigh more than 2 kg (excluding external control devices).
- Power supply: Maximum allowed power supply is 18V.
- Restrictions: Lego kits and other pre-made kits are prohibited.

Event Rounds:

Level 1:

- Teams are allowed up to three restarts in case of mishaps or toppling.

- A penalty of 5 seconds will be added for each restart or skipped hurdle.
- Teams can skip a maximum of two hurdles.
- Bots taking longer than the average time set by judges will be eliminated.
- Progression to the next round is based on the time taken to complete the hurdles.

Level 2:

- Teams are allowed up to five restarts and one skip (subject to conditions).
- A penalty of 6 seconds will be added for each restart or skipped hurdle.
- Only one restart is allowed in case of mishaps or toppling.
- Any damage to the arena will result in immediate disqualification.

Rules and Guidelines:

- Participants must register through the provided Google form.
- Arena dimensions will be shared in advance.
- External power supplies are prohibited.
- Preparation time will be provided before the competition starts.
- There will be checkpoints throughout the track.
- Only one team will compete at a time.
- Time taken by each team is crucial for judgment.
- Only one team member can control the bot at a time.
- Participants must not touch the bot or arena during the event.
- If the bot exits the arena or becomes immobile, the team can restart from the previous checkpoint.
- Lego kits, their spare parts, or any pre-made mechanical parts are not allowed.
- Participants must report 15 minutes before their allotted time slot; late arrivals may face disqualification.
- All team members must present a valid college ID to participate.
- Misbehaviour may result in disqualification.
- NEXUS is not responsible for any late, lost, or misdirected entries.
- The organizing committee reserves the right to modify rules as necessary, with registered participants being notified of changes via email, message, or WhatsApp.
- The jury's decision is final and binding.

Prepare your bots, strategize your moves, and may the best team win HURDLE HUSTLE !!!!!



Contact For Queries:

1. PRIYABANDHU (2K21) : 9122319555
2. ASHIF (2K21) : 8709310604
3. SIMRAN (2K21) : 9142971078



GEC, SAMASTIPUR
BIHAR, 848127



asimo.gecsamastipur@gmail.com

