D. Y. PATIL COLLEGE OF ENGINEERING, AKURDI, PUNE-44

INERTIA 2022

D Y PATIL
ROBOTICS AND AI CLUB

PRESENTS

ROBO SUPER LEAGUE

ROBO RACE

Event Description:

Team have to build a manually controlled bot which go through path and also have to clear the hurdles in path from start to end in shortest possible time

Bot Specification:

- Maximum robot dimension: 25cm*25cm (L*B)
- The bot can ,Extend in dimension once the run start with an tolerance of +5%.
- The participants have to controlled their bot manually.
- The participant must given power supply of 12+ volts.
- Participant are allowed to use any of wired or wireless bot.
- Wire of the robot should be at the back.

Game Play:

1. Two rounds depending on the number of participants
2. First round will be of 90 seconds
3. Second round in which bot have to cover full arena (Max time limit 3minutes)
4. Total maximum points 150.
5. Hurdles Point Distribution :

- Double sided tape = +10
- Sand = +10
- Stone = +10
- Oil = +25
- Slope = +30
- Water bottle = +20
- Bottle round = +20
- Box hole =+25
- Hand touch =-10

Note:

1. **Organizers reserve the rights to change the above format, if required.**

2. **Crossing every hurdles is compulsory .**

Rules:

- The bot should be checked for safety before starting the run.
- Only one team member is allowed to handle the bot.
- The operator cannot be changed during the match.
- The organizers may stop any robot at any time if they feel that it is performing or is about to perform any unfair action.
- No bot is allowed to use any inflammable, combustible, explosive or potentially dangerous process.
- And after 2 warnings they have given penalty of +5 sec
- Every driver should have unique robot and same bot is not allowed .

- The time measured by the organizers will be final and will be used for scoring the teams.

- Time measured by any contestant by any other means is not acceptable for scoring.

- In case of any disputes/discrepancies, the organizer's decision will be final and binding.

- The organizer reserves the right to change any or all of the above rules as they deem fit.

- Change in rules, if any will be highlighted on the website and notified to the registered team

Note: The Arena will be shown on spot to the Participants

Prize Money:
- Winner of the Tournament: Rs. 6,000/-

- Runner Up: Rs. 4,000/-

Registration Fees :

Registration Fees of INR-200/- per team to be paid .

Registration form and payment link :

https://docs.google.com/forms/d/e/1FAIpQLScoMMnSNt56In9D2VKEs6gyChkW8uU03rF5Tk_Gw8FjeZ8syw/viewform?usp=sf_link

In case of any help , feel free to contact us:

Roborace :

Riitaj Thakur: 8007367809

Sanchit Kasar : 7773909160