

ASTRORACE

THEME:

“The world is moving so fast, every step now seems like the rush of a race.”

In this fast moving world, let's give some speed to our bots also because “ASTRORACE -A Light year Run” is here. Set amidst in some part of the huge universe, a multi galactic race through the heavy asteroids fields and showers of meteoroids. The key to win is to run, saving your bot from huge black holes and dangerous satellites. The one who beats the finish line first will be crowned as the majestic and mighty winner of ASTRORACE.

EVENT SPECIFICATION AND RULES:

- The bot can be wired or wireless. However, no extra points shall be awarded for wireless controlling
- Event will be held in 2 rounds.
- Teams will compete against each other in a set of two, the one finishing tasks first will qualify to the 2nd round.
- Bot should have some mechanism for either picking or dragging objects along the track.
- No readymade mechanisms are allowed for the above mentioned point.
- The bot can use on-board or external power supply.
- Power supply more than 24 volt is not allowed.
- The decision of the coordinating team will be final and binding.
- The participants are required to be present at least 10 minutes before their run.

BOT SPECIFICATIONS:

1. Each team is allowed to have only a single bot.
2. The robot must fix inside a cube of dimension 300mm X 300mm X 300mm before the start of event. The robot can exceed the dimensions once the competition commences.
3. The dimensions mentioned above are subject to a tolerance of 10%.
4. The maximum voltage difference between any two points should not exceed 24V DC.
5. The bot can use on-board or external power supply. However any fault or disconnection would be the responsibility of the participants.
6. Participants will be provided with 12V DC and 24V DC power supply.

7. The bot must be fully manually controlled with all mechanisms self-contained.
8. The bot cannot be constructed using readymade mechanism. But participants may use readymade gear boxes.
9. Remote controls both wired and wireless are allowed in the event.

TEAM SPECIFICATIONS:

A team can have maximum of 4 players. Players from different educational institute can form a team.

SCORING RULES:

To be uploaded soon...

ELIGIBILITY:

All students with a valid identity card of respective educational institutes are eligible to participate.

EVENT COORDINATOR:

Pankaj Garg (*Mobile No- 8368844845*)
Shubham Goyal (*Mobile No- 8800642057*)