



R-AEC 7.0

UNDER

Udbhavanam 12.0

ROBO-RACE

THE RACE BEGAN WHEN YOU HAD BORN
SO, ARE YOU READY TO RACE AGAIN,
TO GROW YOUR ROBOTICS INSTINCTS

Date- 28th February, 2025



RULES & GUIDELINES

TEAM SPECIFICATION:

- A team may consist of a maximum of 4 participants, all from the same institute or may be from different institutes.
- Registration fees are Rs. 299 per team.
- Team Name:– Every team must have a name which must be unique.
- Organizers reserve the right to reject entries from any team whose name they deem inappropriate, offensive or conflicting.

BOT SPECIFICATIONS:

- Weight Category: 4kg
- Dimensions: 30cm*25cm*15cm
- Tolerance: 10%
- Battery : Max 4s (14.8V)
- Bot should be fully customised, no readymade rc race bot will be allowed.
- motor type: electric.
- Bot can be wired (length >3m) or wireless.
- The bot cannot be assisted with hands or misplced by external means.
- No modifications allowed after the race starts.

“ Penalty time will be imposed on violating the rules”

RULES & GUIDELINES

GAMEPLAY:

- The robot will be placed before the start line.
- More than 50% of the robot body should remain inside track, otherwise, it has to start from the last checkpoint crossed, timer will not stop in between.
- Penalties will be there for each task skipped. Penalties will be added to the total time.
- The timer will stop as soon as the robot crosses the finish line.
- The bot cannot touch the outline of the track.

PENALTIES:

- For skipping a Task : 30 seconds
- Starting from last checkpoint : 15 seconds
- Touching the outline or any obstacle : 5 seconds

RACE TRACK:

- There will be one start and one finish line. The track surface and course line may have unevenness.
- There will be certain obstacles in the racetrack, which will try to slow down the robot.
- The track may consist of steep ramps, bridges, speed breakers, marble pit, slippery paths, rotating discs, curve rampdown, seesaws, etc.