

Event Name - Race Against Time(RAT)

Head Coordinator - Sanjay Kumar Kol

Co-Coordiators - Md Imdadul Islam, Sudarshan Kilania

Members - Mayank Singh, Y Vamsi Krishna, Pragati Kumari

Description

Design a remote controlled wireless robot within the specified dimensions that can travel through all turns of the track. The robot that will complete the race in least time with the best accuracy will win the race.

Rules

- Your robot should be ready when call is made for your turn.
- The robot should follow the robot specification provided. Any deviation from the mentioned specifications will lead to loss of some points or disqualification.
- If the robot crosses a checkpoint, and moves off track, then the robot would be placed back on the previous checkpoint crossed.
- If the robot malfunctions, then some time would be provided for repairs and the turn will be continued from the previous checkpoint crossed.
- The arena may subject to change before the commencement of any round.
- In case of boundary touch, points will be deducted.

Robot Specs

- The maximum dimension of the robot should be 25cm*25cm*25cm.
- The minimum dimension of the robot should be 10cm*10cm*10cm.
- Maximum rating of power source should be 12V, 1.2A.
- Bot should not expand and compress during run.
- The robot should be strictly wireless.
- Power source should be on board.
- Readymade toys car and LEGO kits are not allowed