



LINE FOLLOWER-

The adventure of treasure discoveries seems authentic with the treasure map. It's essential for the seeker to follow the line drawn on the map. One wrong move and you may be heading to an impasse. Technology has been a fairy mother to this world and yet again, technology may rescue the seeker of all this trouble. Here, we are, again blessed with the line follower robots which may get us to our destination, to our jewels and to the sparkling victory. If you think your robot follows the best, it's your chance to get into the maze we have prepared for your roboseekers. Let's see if they can crack their way out and be the loyal followers. Bring your robots in line to your success, here at the Linefollower!

A line follower is to be made to transverse from the start point to the end point in minimum time overcoming the junctions and curves.

Rules for Line Follower: -

General Rules:-

- 1) The maximum number of members allowed per team is 4.
- 2) All students with a valid identity card of their respective educational institutes are eligible to participate in this event.
- 3) All the participating teams are requested to be at the venue on time.
- 4) The judges decision regarding scoring and judgment will be final.

Arena Specifications:-

White background with black line.

Robot Control Specifications:

Autonomous The objective of this contest is to complete the course in the shortest period of time while tracking the course line from start to finish.

Rules:-

- 1)Course Time:** Time is measured from the time the robot crosses the starting line until the time it crosses the finish line
- 2)Time Limit:** A maximum of 3 minutes is allowed for a robot to complete the course. A robot that cannot complete the course in the allotted time shall be disqualified.
- 3)Time keeping:** Time shall be measured by an electronic gate system or by a stopwatch.
- 4)Autonomous Control:** Once a robot has crossed the starting line it must remain fully autonomous means wire system not allowed.
- 5)Arena Edges:** A robot that wanders off of the arena surface will be disqualified.
- 6)Power of Officials:** The decisions of all these rules and the conduct of the event shall be final.
- 9)Course Specifications:** The line following course shall traverse a white paper . The line shall be black, (30mm at the max) wide black electrical tape or black colour from end to end.

Note:All the students are required to make their own robots. Robots made by readymade kits with any trademark or from other sources will not be allowed to participate in competitions. If found, respective entries will be canceled of that candidate.

Certification:-

- 1) Certificate of Excellence will be awarded to all winners.
- 2) Participation certificate will be given to all.

REGISTRATION FEE:- 200/- only

DATE :-22 September

TIME:-10AM onwards

VENUE:- IET DAVV INDORE

Event head :-

ABHISHANK RAJAWAT:7489198060

VARUN MOHANE:7746013223

ISHAAN SONI:9993025005

