

# LINE APOSTLE



**"He who cannot be a good follower cannot be a good leader."**

Test your line following bot against others in a race. But, is it just 'line following'?  
May be not.

## Event description:

**Robots per team:** One

**Length of Event:** 5 minutes(Max)

**Robot Control:** Autonomous

**Max participants:** 4

## Task:

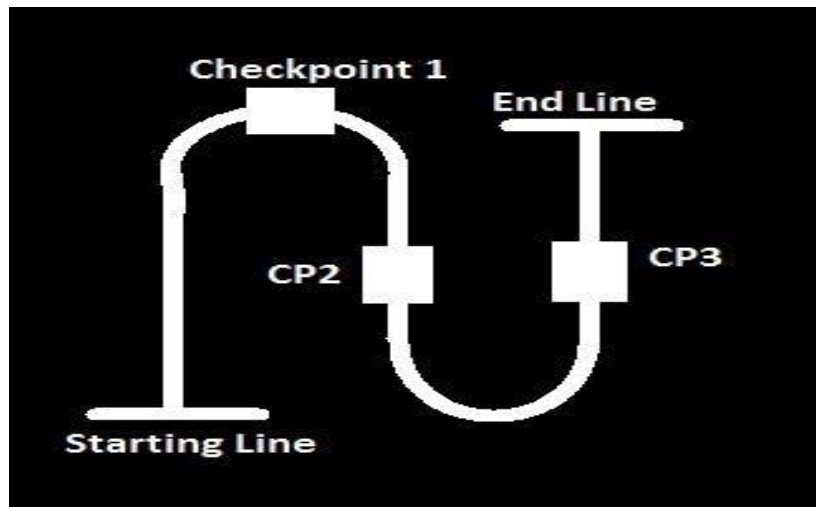
- The objective of this contest is for a line follower robot to follow a white line on a black background, without losing the line, and navigating turns.
- There are 3 check points and after passing every check point, points will be rewarded.
- The robot to complete the course in the shortest period of time while accurately tracking the course line from start to finish, wins.

## Rules:

- Task Time: Time is measured from the time the robot crosses the starting line until the time it crosses the finish line. A robot is deemed to have crossed the line when the forward most wheel, track, or leg of the robot contacts or crosses over the line.
- Time Limit: A robot that cannot complete the task in the allotted time shall be disqualified.
- Timekeeping: Time shall be measured by an electronic gate system or by a judge with a stopwatch, based on the availability of equipment. In either case the recorded time shall be final.
- Autonomous Control: Once a robot has crossed the starting line it must remain fully autonomous, or it will be disqualified.
- Losing the Line: Two attempts will be given to any bot that loses the line course, bot must acquire the previous check point it has already traversed.
- Use of microcontroller is not compulsory.

## Sample Arena:

NOTE: Actual arena can be modified on the spot.



### Judging criteria:

The team who completes the task or the one who'll crosses maximum check points in minimum time, will be considered as winner.

### Event Co-Ordinator:

**Chief :** Mohit Jain(8432667745)

**Other:** Vishnu Saini (9460423502)

Dinesh Suthar (9784285774)

Nancy Singh (8696544404)

Ishita Garg (8952060696)

Keshav Soni (7597920387)

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