

# Autonomous line follower

## Rules:

- A team can comprise of a maximum of 5 members.
- The competition will be of 2 rounds. Round 1 shall be a qualifier round and round 2 shall be the final round.
- In round 1, every team will be given a maximum of 5 minutes. The bot must cover the entire track within 5 minutes to qualify for the final round.
- Width of the line will be 3cm. The participants shall be informed in prior by the event coordinators if there is any change in the width of the line.
- The Line Follower Bot must be fully self-contained and must not be externally operated by wire or remote radio control during the course of the race.
- The overall specifications of the bot must not exceed the following: 28 cm in overall length, 22 cm in overall width, 20 cm in overall height and 5kg in total weight.
- Before commencement of the actual racing, the teams will be allowed to test their bots on the track but only for limited period of time as decided by the coordinators.
- If a bot leaves the track it will be placed back to the checkpoint it has passed.
- Once the bot is placed on the track, a maximum of 7 touches will be allowed to reset the bot on the right track and a penalty of 5sec per touch shall be added to the total time.
- Winner shall be the group which finishes the track in the shortest time. In case no team manages to finish the track, then the prize shall be given to the team who completes most part of the track.

Note: The decision of the Head Coordinator will be the final decision in case of any discrepancies. They hold the right to change the rules to promote fair play, sportsmanship, and to ensure that all competitors have an enjoyable competition.

For any queries contact the coordinators.

## **CO-ORDINATOR:**

Saish Sawant: 7083097959

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## **Link for Registration:**

<https://goo.gl/forms/3nt6WjtGggz2NEe63>