

B.I.T. SINDRI

SANDHAN '20

"THE ANNUAL TECHNO MANAGEMENT FEST"



PATRON

Prof. (Dr.) D.K. SINGH

PROF-IN-CHARGE

(Dr.) R.P. GUPTA

CHAIRMAN

TRIDEV SINGH CHOUDHARY

ROBO SEGUIDOR

"Just follow it"

Introduction

The future depends on what we do in the present so now is the time to be the leader and make the world follow you as the autonomous bot follows the line.

TASK

You have to construct a **line follower autonomous bot** which will follow the black line on white background. The Bot will start from one end of the track and it has to reach the finishing end of the track by crossing all the hurdles. The bot which will finish first will be the winner.

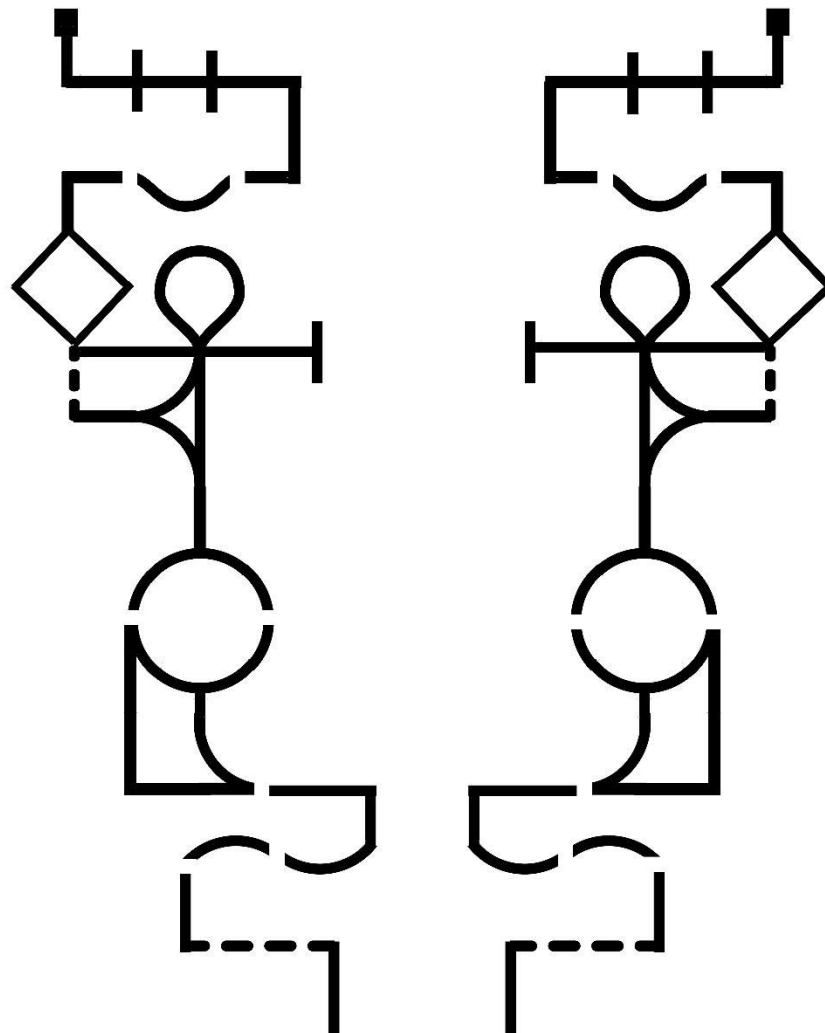
BOT SPECIFICATIONS

- The dimensions of the robot should not exceed 20cm x 20cm x 15cm (length x breadth x height).
- The weight of the robot should not exceed 1 kg.
- The bot should be fully AUTONOMOUS.

GENERAL RULES

1. A team can consist of utmost 4 participants.
2. Open for all years and participants must show proper ID cards of their institutions.
3. The prime aim of this contest for the bot, would be to follow a black line without losing the line.
4. Robots must have passed the inspection prior to competing.
5. Track has white background with black strips which will be approx 2 inches wide.
6. At a time, two bots will start the race simultaneously and the bot to complete the track first, will qualify for the next round.
7. Suppose any bot gets trapped, in between there will be no restarts. If both the bots would be trapped, then both the bots will restart from the beginning.

TRACK



***The actual track may have variations from the given track.**

In case of any discrepancy the decision of judgment panel will be final and binding.

INCENTIVES: Prizes to be won worth INR 15000.

Event In-charges: SHUBHAM RAJ

+91 9199106328