EVENT NAME: LINE FOLLOWER

Problem Statement: To make a robot to follow a white line on a black background, without losing the line and navigating several 90 degree turns. The robot to complete the course in the shortest period of time while accurately tracking the course line from start to end wins.

General Rules:

1. Every participant must be a student of any reputed institution. The students must be undergraduate or post-graduate (For PG Only MCA).
2. **Maximum of 4 and minimum of 2 members are allowed in one team**.
3. Every participant must carry their id his card along with a photo copy of /her government id.

Registration fees:

1. Registration Fees (External Students) is 400/- per team.
2. Registration Fees for In-house students (MCKV students) is 100/- per team.
3. For any 4 events combos in robotics: Rs.300/- per team (Internal students)
4. For any 3 events combos in robotics: Rs.1000/- per team (External Students)

N.B: Combo refers to any of the events from:

i. Chase The Maze
ii. Robo War
iii. Robo Ranger
iv. Robo Fifa and
v. Line Follower

- **No refund of Registration fees, once paid.**

GAME RULES:

1. A robot that wanders off the arena surface will be disqualified. A robot shall be deemed to have left the arena when any wheel, leg or track has moved completely off the arena surface.
2. Any robot that loses the line course must reacquire the line at the point where it was lost, or at any earlier (e.g. already traversed) point. If a robot loses line more than 2 times it will be disqualified in a round then for each hand touch to bring the robot to the line will be calculated as a foul time of 10 seconds for each time.
3. If you want to restart then a penalty of 50 seconds will be added.
4. You will be judged on the basis of the time taken to complete the round.
5. Final rules will be disclosed at the time of event.

Rounds:

Round1:-

- The robot must run in the provided track without any obstruction.

Round2:-

- The robot must run in the provided track with obstruction.

Round3:-

- The robot must run in the provided track with obstruction.

Robot Dimensions:

- W:30cm x L:30cm x H:30cm(max)
- W:22cm x L:22cm x H:22cm(min)

➢ **Decision of the coordinators will be considered as final during any discrepancy.**

CONTACT DETAILS:

Event Coordinators:

1. Mr. Nabankur Mandal -ME
2. Mr. Swaraj Biswas –ME
3. Mr. Tapas Kumar Biswas- AUE
4. Mr. Sougata Bera-AUE

Student Coordinators:

1. Rajiv Singh (CSE) : 9883430243
2. Shalini Singh (IT) : 6290266513