

## **LINE FOLLOWER**

### **GENERAL RULES:**

- A team may consist of a maximum of 4 members. Students from different educational institutes can form a team.
- Any student with a valid identity card of their respective educational institutes is eligible to participate.
- Teams are not allowed to replace parts between runs. They are, however, allowed to replace defective sensors, but with a penalty added to it.
- Change of batteries and modifications to the code are allowed but the game play has to be restarted.
- Any damage caused to the arena at any point of time will lead to disqualification / penalty.
- If the robot is manually touched except at the start, then it will be considered as a violation and will lead to penalty.

### **EVENT RULES:**

- The line to be traced (black line) is of 30mm in width.
- For ready made bots, two warnings will be provided when the bot goes out of the track and in case of handmade robots, three warnings will be provided.
- In such cases, both types of bots will be eliminated if they do not start tracing the line within 10 seconds after deviating from the path.
- Judge's decision will be final and any further arguments with the judges will be penalized.

### **BOT SPECIFICATIONS:**

- The maximum dimensions of the base of the bot should be 25cm x 25cm x 25cm.
- Robots must not use ready-made mechanisms, Lego kits, etc. However, ready-made sensors and micro-controller kits can be used.