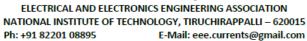


CURRENTS

Twenty





LINE FOLLOWER

(OFFLINE EVENT)

ARENA DESCRIPTION:

- 1. Arena consists of **black** line on a white background.
- 2. Width of the track will be 3.00±0.2cm.
- **3.** Track will have straight line paths, curves and turns (90 degree, circular and obtuse angles).
- **4.** The track will not have any intersection.

RULES:

- 1. A team can have a maximum of three members.
- 2. Maximum bot size must be 30 cmx30cmx30cm at start. The bot can expand after start.
- 3. No two points on the bot can have a potential difference greater than 12 v.
- 4. The bot must be powered only by on board batteries .
- **5.** Each team has **2 trials** in which the best is considered.
- **6.** Maximum time for completing the track is **10 minutes**.
- 7. The starting procedure of the bot should be simple and should not involve provision of manual force or impulse in any direction to the bot.
- **8.** Participants are not allowed to **touch the bot** after the timer starts.
- **9.** Participants are allowed to adjust sensors (Gain, Position etc.), change speed settings and **make repairs** after the first run.
- 10. The decision of the judges is final.