



CURRENTS

T w e n t y

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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.