



UIU ROBOTICS
A Step Towards Infinity!



Ant Run

Rules:

- Compulsory Team Registration
- A team will be allowed of maximum 5 members.
- At the time of race, only 1 member can stay in the arena.
- Points will be awarded only if the robot travels through the whole path of the checkpoint and crosses the checkpoint skipping none.
- Touching the bot during runtime will count as restart. Restart is a must in case of a line loss.
- A maximum of 5 restarts will be allowed.

Robot specifications:

- Line Followers must be self-contained, should not be externally operated by wire or any remote radio control during the race.
- The robot must not be built from any sort of ready-made chassis.
- Maximum dimension of the robot allowed
 - Height: 25 cm
 - Length: 25 cm
 - Breadth: 25 cm
- Maximum robot weight allowed: 3 kg
- **Max allowed voltage difference between any two points of the circuitry is 24V. Every bot must have a power/kill switch.**
- **Excluding the power switch a maximum of 2 switches are allowed.**

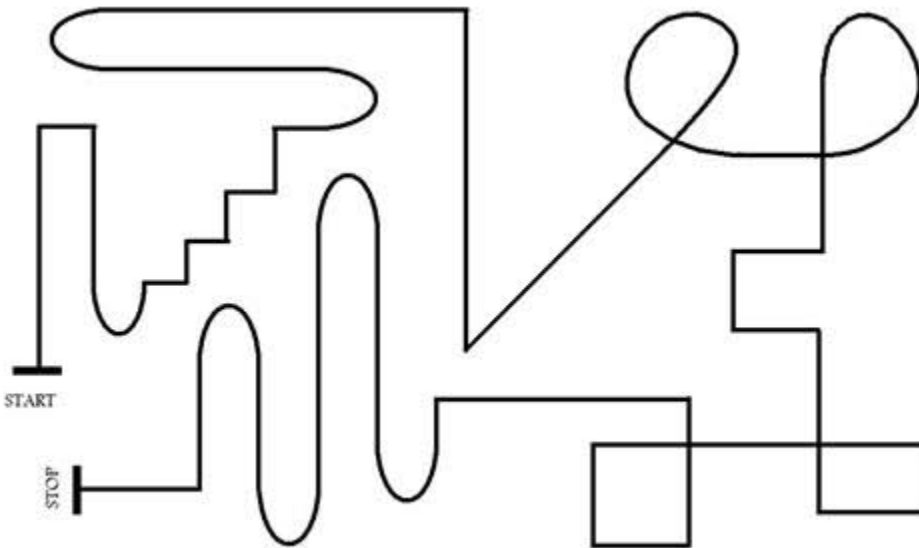


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Arena Specifications:

- Arena will be consisting of Starting and Ending Box which will be of 25*25 cm².
- Track can be both on 'Black on White' and 'White on Black'.
- The track line will have a minimum breadth of 3cm throughout the whole track.
- There will be some nodes and checkpoints.
- Bridge angle will be 30°



*** Actual track will be much more complicated than the sample one ***



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Game Style:

There will be only one round.

Minimum time & maximum checkpoint visit will be counted for points.

NB:

- The organizer's reserve the right to make changes to any of the above in the interest of fair play and sportsmanship, and to ensure that all competitors have an enjoyable competition.
- In the event of ambiguity, the organizer's interpretation of any clauses of the rules shall prevail.