

AQUABOT

Aim:

Build a robot that can successfully navigate in a water body at the same time capable of picking up the loads.

The Task:

Reach the final destination with minimum time while tackling as many loads as possible.

Event Structure:

The event will be conducted in two rounds.

1. **Round 1 (Elimination Round):-** The first round will be an elimination round in which the bots will complete the arena with picking up the loads. Though picking the loads is compulsory in this round.
2. **Round 2 (Final Round):-** In the second round, the bot must pick up a minimum number of loads, at the same time should not cause damage to victims positioned in the arena. All the judging criteria mentioned below will be applied.

Bot Specifications:

1. Participants can use any materials to make the aquabot including plastics and thermo coals etc.
2. The bot must be able to float in the water and must use propellers to navigate in the water body.
3. The water body will be similar to a small pond.
4. Standard power supply is provided, participants have to bring their own adaptors.

Judging Criteria:-

1. The bot must start from starting point and start moving when the timer starts.
2. The bot has to navigate successfully and be able to pick loads

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3. Points will be awarded for each and every load the bot picks up according to the arena.
4. The bot should avoid damaging victims at the same time picking the loads successfully.

Contact

For detailed schedule of events, please visit our website. For further details contact

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