

# DEATHRACE

## About event:

This event is not for the faint hearted. But if you have a will of steel, then this punishing gauntlet will be right up your alley. A gruelling course has been set that is sure to have all you off-road maniacs grinning with delight. After all, we know you guys love a challenge. The carnage will be intense and only a handful will have the honour of saying, "I made it through hell and back."

## Arena:

- The tracks has a minimum width of 30cm and consisting of several traps and shortcuts in the racing circuit.
- The arena will test your timing, control, skill and most of all, your decision making strategy in dodging traps assigned for you and activating the traps for your opponents.
- The race track is uniform solid ground, except for the traps.
- Activating a trap will only slow the opponent. The traps in the arena are classified into 3 types:
  - Common traps.
  - Self-afflicted traps.
  - Traps activated by organizing committee.

## Note:

- Damage to the arena in anyway will lead to disqualification.
- The arena specifications may be subject to changes, and the final arena will be disclosed only at the time of the event.
- Judges' decision will be final. Any doubts that may arise have to be verified directly with the event managers

## **Event details:**

The event consists of only one round.

- The robots build by given dimension and specification will be allowed for game.
- The robot which completes the track in minimum time will be the winner.

## **Rules & regulation:**

- The team should consist of minimum of 2 members and not more than 4 members.
- Each member from same college is mandatory.
- It is mandatory to present your college ID at the registration desk while registering to Participate.
- An individual cannot be a member of more than one team. A robot cannot be shared by two or more team.
- The robots cannot be constructed out of readymade kits available in the market.
- The robot should follow the robot specifications provided. Any deviation from the mentioned specifications will lead to disqualification.
- No test practice will be allowed on the main track.
- Wired, wireless control is allowed.
- The race will be conducted on timing criterion i.e. the team to complete the whole track in the minimum possible time will be the winner.
- The structure of the robot should not be changed during the competition.
- If the robot by any chances falls from the bridge, the robot will be kept back to the previous checkpoint crossed with a penalty.
- Pulling of robot with connected wires on track will lead to disqualification.

- The robot should not be disassembled until the results are declared.
- The time measured by the organizers will be final.
- Decisions of the judges/coordinators are final.

### **Robot specifications:**

- The robot dimensions should not exceed 30cm×30cm×30cm (l×b×h).
- However a tolerance of 5% is acceptable.
- The robot can be powered on board or off board.
- The potential difference between any two electrical points on robot must not exceed more than 24volts throughout the run.
- The coordinators will not be responsible for any kind of electromagnetic interference in wireless communication.

### **Organizers details:**

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2. Adithya kumar -+919481443611