

Aerial Drone Show

Having ideas is far different from applying those practically and proving oneself. **67th milestone Aerial Drone Show** gives you a wonderful opportunity to showcase your talent. The program not only aims at drone technology, but the main aim is to encourage teams coming up with basic drones who need a push for further development. All the teams need to get registered themselves and carry their own multi-rotors (tri, quad, hexa and octa-copter).

PROBLEM STATEMENT

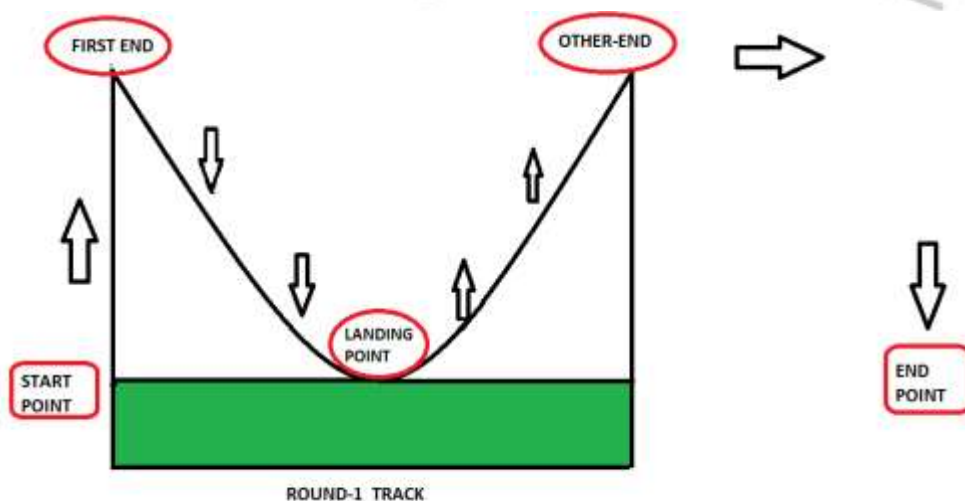
The event is aimed at finding the most fastest and agile drone. The competition consists of two rounds. The top qualifying teams scoring highest points and with least lapse time will be qualified to the second round. The number of qualifying teams will depend upon the participation.

Drone Specifications:

- The drone should fit within the dimensions 60x60x30.
- The vehicles need to be controlled by a wireless remote at all times during the competition.
- The propellers should not be made of metal.
- Usage of ready to fly kits is strictly prohibited.

Round-1

- The track will be in the shape of parabola (**U-shape**).
- Drone should take-off from the starting point and reach to the first end of the parabola.
- The drone has to land at the middle point of the parabola (U-shape) and then again take-off to reach the other end of the U-shape.
- After reaching the other end, the drone should land at the end point, mentioned at the arena.



Round-2

- The teams qualifying the first round are eligible to participate in the second round.
- Round-2 is a surprise round where in the problem statement will be disclosed at the venue.
- You need not bring any extra-inventory to compete in this.

Bonus Points:

- Bonus points will be awarded for flips and good piloting skills.

Rules and Regulations

- 1) A team should consist of 3-5 members, not more than that. Students from different colleges are allowed to form a team.
- 2) Identity cards issued by the respective colleges are mandatory for the event.
- 3) Readymade bots are strictly prohibited .If in such case found will be immediately disqualified from the event.
- 4) Destruction of arena of each type will immediately lead to the disqualification.
- 5) In case of any dispute, the decision of the organizers will be final.
- 6) A team can use only one drone for all the rounds.
- 7) Winners of the competition are announced by the judges at the end of the competition.

Points Scheme:

- Points will be awarded on the basis of your lap time, flying skills, technology used in the drone this three aspects will be considered.
- Decision of the judges is final.

Certification Policy:

- Certificate of participation will be provided to the every participant of the team.
- The top two teams will be awarded with the certification of merit and the prize money. If the participation number increases, the number of prizes may also increase.