

## FPV [First Person View] DRONE RACE

**DATE: 9<sup>th</sup> April 2023**

**Registration Fee: ₹350/-**

### Rules and Regulations

- There are no restrictions to the number of pilots registering from the same institution.
- Each team can contain three members at maximum. Details of the team must be clearly mentioned in the abstract submitted along with contact details.
- Team can contain members of different institutions.
- The Multicopter must fit in a box of dimensions 300\*300\*200 mm.
- The weight of the multicopter should not exceed 1 kg.
- Use of readily-available actuators/motors, remote control units, electronic speed controllers, and propellers are allowed.
- Ready-to-use kits and ready-made building kits are strictly prohibited.
- All the resources provided at the time of competition by the organisers should be strictly used only after the consent of the organisers.
- Organisers will not be responsible for any mis happenings or malfunction of the multicopter.
- Under all circumstances, the event coordinator's decisions are final and binding.

### Details of the Rounds

#### Round 1 - Qualifiers

- Total time limit is 8 minutes.
- Must finish the track without crashing into the obstacles.
- 2 lives are provided for the participants (if they crash, they are allowed to start again from the 0<sup>th</sup> minute mark and a new battery).
- The participants who complete within 8 minutes are qualified.
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#### Round 2 - Semi-finals

- Participants are provided with 2 lives again here.
- The fastest few to finish 3 laps are qualified to the finals.

#### Round 3 - Finals

- No extra lives
- There is no time limit for this round, instead the shortest time taken for the participants to finish 3 laps is considered.
- The fastest top 3 participants are declared as the winners!