



AVASTRA'23

DRONE LEAGUE

RULEBOOK

EINSTEIN ROBO ABEYAANTRIX CLUB
EINSTEIN ACADEMY OF TECHNOLOGY AND MANAGEMENT, BHUBANESWAR

DESCRIPTION

Team Size: 2 - 4

The Drone League Challenge is an electrifying competition where innovation meets adrenaline! Pilots will navigate their drones through challenging obstacles and sharp turns, showcasing speed, precision, and control. This high-stakes race tests both piloting skills and engineering excellence, offering a thrilling platform for drone enthusiasts to soar to victory. Are you ready to take flight?



BOT SPECIFICATION

1. 45 cm max frame size.
2. Two, three, four, or six-blade maximum FPV goggles or an FPV screen are recommended but not compulsory. Line-of-sight flying is allowed.
3. Maximum drone weight: 2 kg (excluding battery).
4. Pilots will carry a minimum of 1 battery.
5. Pilots will carry their battery chargers, and charging points will be provided.
6. Pilots should bring their soldering and other materials.
7. All frames must pass a safety and airworthiness inspection. Once the airframe has been checked and approved, it must not be modified or changed, or it will need to be re-inspected.
8. Pilots will only use omnidirectional antennas on quads and antennas must be in good condition.

JUDGING CRITERIA

- 1.The primary criteria is how fast a pilot completes the course.
- 2.Pilots must pass through all designated gates, checkpoints.
- 3.pilots are also judged based on tricks, flips, rolls and overall creativity.
- 4.crashing or losing control will lead to a lower ranking.
- 5.missing a checkpoint will result penalty.

RULES AND REGULATIONS

1. A timing system may be used to officially track the time of each pilot throughout the track.
2. The decision of the judges will be final and no sort of disputes will be entertained. Pilots must stay within all prescribed flight paths.
3. Any lap including finals will restart only if there is a false start or contact between any two drones resulting in a crash before the start gate.
4. Pilots must adhere to the prescribed launch sequence. No movement before the starting signal.
5. Pilots that have crashed at any point during the heat and are unable to resume racing must DISARM their aircraft and wait until the lap is over.
6. Race tracks would have gates, pilots must successfully fly through all gates, around the flags, and other obstacles (if any) on the course.
7. If a pilot misses an obstacle or gates, they must safely turn around and attempt the obstacle again.

PRIZES

1st

RS 7,000

2nd

RS 5,000

3rd

RS 3,000

CONTACT US



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