

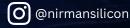


# THE FOURTHEDI

### DRONE LEAGUE **RULEBOOK**

Silicon Innovation Promotion Cell (SIPC) Silicon University, Bhubaneswar, Odisha, 751024







#### EVENT DESCRIPTION

#### No of Members in a Team: 2-3

#### **Event Description:**

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?



#### ROBOT Specifications

- 1. Upto 10-inch props
- 2. 21-inch max frame size
- 3. Two, three, four, or six-blade maximum FPV goggles or an FPV screen are recommended but not compulsory. Line-of-sight flying is allowed.
- 4. Any material for props but not Carbon Fiber.
- 5. Maximum drone weight: 2 kg (excluding battery).
- 6. Pilots will carry a minimum of 1 battery
- 7. Pilots will carry their battery chargers, and charging points will be provided.
- 8. Pilots should bring their soldering and other materials.
- 9.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.
- 10. Pilots can bring custom launchpads that do not impart any energy into the drone.
- 11. Pilots will only use omnidirectional antennas on quads and antennas must be in good condition.

#### GENERAL RULES

- A timing system may be used to officially track the time of each pilot throughout the track.
- The decision of the judges will be final and no sort of disputes will be entertained Pilots must stay within all prescribed flight paths.
- All pilots will be allotted their respective frequencies.
- 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.
- Pilots must adhere to the prescribed launch sequence. No movement before the starting signal.
- 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.
- Race tracks would have gates, pilots must successfully fly through all gates, around the flags, and other obstacles (if any) on the course.
- If a pilot misses an obstacle or gates, they must safely turn around and attempt the obstacle again.
- If they don't turn around and continue to race, that entire lap would not be counted

### PRIZES

### **1SRS10,000**

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## **3 Rs** 5,000

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