

## 1.Drone racing

2.The Amiphoria Drone Racing Competition welcomes participants from Colleges and Universities across Uttar Pradesh to showcase their piloting skills in a thrilling test of speed and precision. This event celebrates the ingenuity and spirit of drone technology, offering various categories to cater to both seasoned pilots and enthusiastic newcomers.

# 3. Organizers

- Ayush Kumar Chaudhary 6307935003
- Aparna Narayanan 9074273590
- Dr. Anurag Mishra 8939066575

### 4. Eligibility Criteria

- Fpv Drone Category: Open to all participants (Internal as well as External students). Drones must have a maximum diagonal motor-to-motor distance of 250mm, takeoff weight under 150g, and 2S batteries (7.4V, 850mAh). Propeller guards are not allowed.
- Standard Category: Open to all participants (Internal as well as External students). Drones must have a maximum diagonal motor-to-motor distance of 450mm, takeoff weight under 300g, and 4S batteries (14.8V, 1500mAh). Crash-resistant props are recommended for Beginner category.

#### Drones

#### 5. Event Dates

To be announced

### 6. Registration Process

- Registration is open until February 01, 2025
- Participation fee: INR [200 for Internal] and INR [300 for External] per drone.

# 7. Competition Format

- Timed Runs: Each participant will have 3 minutes to complete as many laps as possible on the designated course.
- Scoring: 10 points awarded for each completed lap. Penalties of (-2) for missed gates, crashes, and unsafe flying.

## 8. Judging Criteria

- A panel of experienced judges will evaluate piloting skills, lap times, and safe flying practices.
- All concerns and disputes must be addressed to the designated competition officials.

### 9. Prizes & Awards

• Top performers in each category will be awarded prizes and certificates.

## 10. Rules & Regulations

- Line-of-sight with the drone must be always maintained.
- Strict adherence to designated flying areas and safety protocols is required.
- Participants violating rules or jeopardizing safety will be disqualified.

### 11. Timeline

To be announced.

#### 12. Contact Information

• For any questions or clarifications, please contact the Amiphoria Drone Racing Competition organizers at [email address – amishra7@lko.amity.edu or 8939066575] - Dr. Anurag Mishra (Faculty), [vverma@lko.amity.edu or 9792855701] - Mr. Vivek Verma (Faculty), [ayush.chaudhary9@s.amity.edu or 6307935003- Ayush Kumar Chaudhary (Student)], [aparna.narayanan@s.amity.edu or 9074273590- Aparna B Narayanan (Student)]