

DEPARTMENT OF AEROSPACE ENGINEERING, IIAEM  
JAIN (DEEMED-TO-BE) UNIVERSITY, BANGALORE

in association with

GENERAL AERONAUTICS, BANGALORE

Presents

## SUMMER INTERNSHIP PROGRAM

# Design, Build and Test Toroidal Propeller Powered Multicopter Drone

### Internship details

Course Fee

15,000\*\*

Duration

10th July'23 – 4th Aug'23 \*

Intake

30 per batch

Last date of registration

05<sup>th</sup> July 2023

Co-ordinator(s)

Dr. V Hariprasad/

Prof. Indranil Roy

Venue:

Department of Aerospace Engineering  
IIAEM, Jain (Deemed-to-be) University,  
45th km,  
NH -209, Jakkasandra Post, Bengaluru –  
Kanakapura Rd, Ramnagar District,  
Karnataka -562112

### Key deliverables

- Hands-on Learning
- Expert instructions from Industry Professionals
- Collaboration and networking with like minded people
- Access to drone electronics and equipment

### Who will be benefited by this program?

- Engineering Students, Graduates & Working Professionals

### Goal of the Internship

- To design, fabricate and test Toroidal Propeller
- To design, assemble and test Autonomous Multicopter Drone
- To analyze the flight data and make design modifications

### Key Outcomes

- After the successful completion of the internship, the individual will be able to:
- Gain skills that are in high demand in these industries, leading to more job opportunities.
- Contribute to the development of new and exciting uses for this technology which leads to entrepreneurship and research projects.
- Learn about drones that can help in safe and responsible operation.

Link for Registration, Payment Details & Contact Info:

[https://docs.google.com/forms/d/e/1FAIpOLScRCSVHmlXeds2lu1-ZS-wPIMOHIBOVIPKdK4fIDuuWsgtV\\_w/viewform](https://docs.google.com/forms/d/e/1FAIpOLScRCSVHmlXeds2lu1-ZS-wPIMOHIBOVIPKdK4fIDuuWsgtV_w/viewform)

### Fee Concession Available for Early bird Registration

\* Participant has to make his/her own arrangement for accommodation/travel, however the department will facilitate

\*\*If the minimum number of participants are not registered for the given slot, University has the right to postpone the date of the internship program