



Fundamentals of Drone Systems and AI/ML for Drone Vision



**In collaboration with the Department of Mechanical Engineering
Goa College of Engineering**

Course content

- ❖ Fundamentals of drones
- ❖ Live Flying Sessions
- ❖ Introduction to Learning Problems and Neural Networks
- ❖ Drone Imaging and Challenges
- ❖ Batteries, Interrupt, and Low Power Computation
- ❖ Drone Communication Protocols and Applications

Boot Camp (4-8 August, 2025)

Who can attend?

- ❖ B.E/B.Tech students
- ❖ M.E/M.Tech students
- ❖ Faculty, Technical Staff
- ❖ Basic experience in C / C++ / Python and electronics would be helpful

Organization details

- ❖ Dates: 4-8 August, 2025
- ❖ Light refreshments in each session

Registration details

Fill up the registration form at <https://forms.gle/noMsh1qzPV2eFf177>

Contact details

drones.center@iitgoa.ac.in

LAST DATE OF REGISTRATION: 3 August, 2025