



Boot Camp (10 March - 14 March 2025)

## Fundamentals of Drone Systems and AI/ML for Drone Vision



Indian Institute of Technology, Goa is organizing a Bootcamp Training Program for the SwaYaan-Capacity building for Human Resource Development in Unmanned Aircraft Systems.

### 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
- ❖ Beyond 5G: UAV Communications



### Who can attend?

- ❖ B.E/B.Tech students in the 3rd to 8th semester
- ❖ M.E/M.Tech students
- ❖ Faculty, Technical Staff, Working Professionals
- ❖ Basic experience in C / C++ / Python and electronics would be helpful

### Organization details

- ❖ Dates: 10th - 14th March 2025
- ❖ Light refreshments in each session

### Registration details

- ❖ Go to <https://iitgoa.ac.in/cda/bootcamp11/>
- ❖ Click on Registration, and fill up the Google sheet

### Contact details

drones.center@iitgoa.ac.in

**LAST DATE OF REGISTRATION: 28 February, 2025**