



# Boot Camp (19-23 February 2024)

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



Indian Institute of Technology (IIT) Goa, in collaboration with the Department of Information Technology, Goa College of Engineering, is organizing a Bootcamp Training Program for the capacity building for Human Resource Development in Unmanned Aircraft Systems (Drone and related Technology).

### Course content

- ❖ Introduction to drones & Flying Session
- ❖ Introduction to Learning Problems and Neural Networks
- ❖ Drone imaging and challenges
- ❖ Batteries, Interrupt, and Lower Power Computation
- ❖ UAV Communications and Technology



### Highlights

- ❖ Theory & Hands-on experience
- ❖ Sessions by experts in the domain of UAS
- ❖ Certification upon successful completion



### Who can attend?

- ❖ Studying in 1st Year/ Second Semester onwards of B.E./B.Tech./equivalent (or)
- ❖ Pursuing B.Sc./BCA/equivalent (or)
- ❖ Pursuing Post Graduation – M. E. / M.Tech. / M. Sc. / MCA / Ph.D. equivalent (or)
- ❖ Faculty/Working Professional/Staff from industry/Govt. Organization (with the above Educational Qualifications)
- ❖ Basic programming experience in C/C++/Python and electronics would be helpful

### Organization details

- ❖ Dates: 19th - 23rd February 2024
- ❖ Duration: 5 Days

### Registration details

- ❖ Step 1: Scan the QR code or click <https://forms.gle/EH2YHBMUYtV6iDZy5>.
- ❖ Step 2: Open the URL in a web browser.
- ❖ Step 3: Fill and submit the Google form.

### Contact details

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**LAST DATE OF REGISTRATION: 18 February, 2024**