

Drone/UAS Technologies Bootcamp – “Learning by Doing”

The IET On Campus, College of Engineering Trivandrum (CET), successfully hosted a **week-long immersive Drone/UAS Technologies Bootcamp** from **June 23–28, 2025**, in collaboration with **NIT Calicut, Mar Baselios College of Engineering and Technology (MBCET)**, and CET, under the **MeitY-sponsored project SWAYAAN** on “*Capacity Building for Human Resource Development in Unmanned Aircraft Systems.*”

Participation & Coordination

The bootcamp saw an overwhelming response, with **150+ B.Tech students** from diverse engineering disciplines actively participating. The program was coordinated by **Dr. Gangadhara Kiran Kumar L**, Assistant Professor, MED, NITC, along with **Dr. Ananthan D Thampi, Mr. Saibaba Kota, and Mr. Sarathi Ap.**

Key Learning Areas

- Fundamentals of Drone/UAS Technologies
- Glider and Drone Making
- Drone Flight Training
- Airfoil Design and Analysis using ANSYS

Workshop schedule and day wise learnings

Schedule - [overall schedule](#)

Day 1 and 2 - [DAY 1 SCHEDULE](#)

Day 3 and 4 - [DAY 3 AND 4 SCHEDULE](#)

Day 5 - [DAY 5 SCHEDULE](#)

Participants List

[List](#)

Impact & Outcomes

The bootcamp provided a strong platform for *learning by doing*, allowing participants to gain **practical UAV skills** through hands-on experience. It also fostered **teamwork**, **problem-solving**, and **innovation**, preparing students for real-world applications in the rapidly evolving UAV industry.

Photos From The Event -









