

Three-Day Workshop on Drone Fabrication, Programming and Simulation in Association with Space Chase Pvt. Ltd.

The Center for Robotics and Advanced Manufacturing , Department of Mechanical Engineering of our institute is organizing a three-day workshop on Drone Fabrication, programming and simulation in association with SPACE CHASE Pvt. Ltd. The program provides specialized training to the students in building drones for various applications. The workshop is scheduled on 27-29, March, 2024.

The participants of the program will be given an internationally recognized certificate; kit (for a batch of 4 students - to be returned after the program). After the workshop, students would gain immense knowledge and hands-on experience in building drones for various applications.

The outline of the course:

Multi-Rotor Dynamics Overview
Drone Anatomy and Sensor Physics
Paper Plane Challenge
How to Select Your Drone
Drone Assembly and Soldering
Control System Architecture
Drone Programming and Calibration
Drone Communication Protocol
Drone Simulation and Flying
Along with hands on experience on softwares: MATLAB, BETAFLIGHT,
LIFTOFF and ARDUPILOT

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(Deemed to be University under Section 3 of the UGC Act, 1956)
 Category I Autonomous Institution & Accredited by NAAC with 'A++' Grade

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SPACE CHANGE



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