Quadcopter Workshop

Course Outcomes

- Introduction to Rotary-wing aircraft
- Introduction to design and development of Multi Rotor Vehicles
- Understanding the Electronics circuitry involved in Quadrotor
- Learning about the working of accelerometer sensors, gyroscopes and controllers
- Hands-on experience for participants with DC motors, electronic speed controllers and Quadcopter Embedded control board

Course structure and Topics covered:

- Understanding rotary-wing aircraft and their Dynamics
- Exposure to Design and concepts of Embedded Systems behind Multicopters
- Fabrication of Quadcopter frame and its circuit
- Calibration and Testing of the developed Quadcopter
- Quadcopter Flying using Radio Control and competition]

Certification and Awards:

All participants will be given a certificate of participation

Kits :

Few Quadcopters are shared amongst students of workshops in groups.

Student Eligibility

Students for any discipline and any year of engineering are eligible for the workshop.