

Abstract

From 1st December 2018 it is legal to purchase drones and fly it up to a particular altitude. Drone Industry is the second fastest growing industry in the world with Indian Import industry accounting for 10 billion USD. Having a basic understanding about how drones work and how they fly would help the students operate as a drone pilot. During this course, the students would get a hands on experience in building of a drone and a remote controlled aircraft.

Methodology

This internship would help the students to have a clear understanding about how the drones are built and also about their maintenance. Every sub system of a drone would be explained to the students in detail, right from the basics in order to get a better understanding. The students would be building a Quadcopter and RC Aircraft during this course tenure.

Academic Concept

- Concepts of Aerodynamics and Physics of drones
- Different kinds of drones

Learning Outcome

On the completion of the internship the students would be able to build and fly drones. They would also be in a situation to design various drones depending upon the application

- Relationship to Biomimicry
- Practical applications of drone

Tangible Outcome

Students would be building and operating a fully functional Quadcopter and RC Aircraft

Recommended for

Anyone interested in building their own drones.

Instructor



Ezenith Education provides professional academic training in the form of workshops/internships/training programs to engineering students from Mechanical Engineering, Automobile Engineering, Electronics Engineering, Electronics and Telecommunication Engineering and Computer Engineering.

