

Team name : Robohawks

We have formed a team of 4 and are planning to build a **quadcopter**.

The team members are

Kshitij Ingale

Amruthesh T.

Neeraj Chimankar

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Project Title:-Quadcopter

Introduction:-The aim of the project is to make a quadcopter that is lifted and propelled by four rotors of symmetrically pitched blades.

Components:-

Brushless motors,flight controller,propellers,connectors,frame for quadcopter,binding materials

Course of Action:-

Week 1:- Purchase of materials and planning the actual layout of quadcopter.

Week 2:-Studying working of gyroscope and accelerometer of quadcopter and code manipulation for the same.

Week 3:-Developing body of quadcopter

Week 4:-Completing mechanical design and starting electrical circuit designing

Week 5:- Completing Electronics part of Quadcopter.

Week 6:-Final touches and assembling the quadcopter.

What do we expect to learn:-

Practical application of aeromodelling ideas.

Time management involved in technical projects.