

Quadcopter Workshop

Techfest is the annual science and technology festival of IIT Bombay. Following is the basic outline of the workshop that would be happening at **Techfest, IIT Bombay** in offline mode.

Specifications

1. Four Seminar-

- One about QUAD-COPTER designing
 - One related to fabrication and flying
 - The other 2 would be about guidance in this field, and the rest two about advanced learning.
2. One fabrication session is to be conducted between two seminars.
 3. Complete the Flying session thereafter.
 4. Each team will get a wooden quadcopter and can take it with them.

HANDS-ON SESSION

ELECTRONICS:

A COMPLETE KIT FOR A GROUP OF MEMBERS.

1. QUAD-COPTER frame
2. ESCs 30A*4
3. BLDC*4
4. Flight Controlled Board
5. LIPO BATTERY
6. RECEIVERS AND TRANSMITTERS
7. Zip Ties
8. PROPELLERS*4
9. RECEIVERS AND TRANSMITTERS