

WORKSHOP ON UNMANNED AERIAL VEHICLE : LEVEL 3

A yoyo Aerospace systems introduces its national workshop series on Unmanned Aerial Vehicles, Level 1, 2 and 3. The aim of this workshop is to introduce students in to the various aspects of Unmanned Aerial Vehicles (UAV) and train them in these technologies. With the future of aerospace being dominated by autonomous systems, UAVs are the way to go and students get an added edge by getting trained in these systems. Our workshops are conducted by veterans in this field with over 10 years of experience working with premier institutions like the Indian Institute of Science, Mansarovar group of institutions and Aeroports systems.

REGISTRATION DETAILS

The registration can be done by filling up the registration forms and paying the registration fee mentioned below. Registered teams get a reserved spot at the workshop, printed/digital construction manual, construction material and the aircraft kit they have selected.

Workshop Package	Cost
Level 3 Radio Controlled Aircraft with Remote controller	Rs 11,100.00
Level 3 Radio Controlled aircraft without Remote controller	Rs 7,770.00

COURSE AND DURATION

The workshop consists of the following sessions:

Day 1			Day 2		
Session 1	Session 2	Session 3	Session 4	Session 5	Flight test and airshow
Basics of Aerodynamics Basics of aircraft flight	Introduction to Aircrafts systems Parts of an Aircrafts	UAV systems Parts of a UAV Parts of a UAV Kit Construction	UAV Simulator training	UAV construction	Flight test of the UAVs built by students Airshow

WORKSHOP CONDUCTION

The workshop organizing team will reach the venue at least 2 days before the day of the workshop and will consist of 2 tutors and a pilot. The host institution should arrange accommodation for a period of 48 hours before the workshop for the tutors and provide a secure room to store the items required for the workshop for upto 3 days before and 1 day after the workshop. The host institution should also provide a single closed arena with not less than 2.3 m² per team, a working table per team, 4-5 chairs per team, public address system and a projector, screen, power extension for the tutor, 1 power sockets per team and a flying ground. The host institutions should also provide 10 volunteers and at least 1 volunteer per 2 registered teams.