AEROGO

LEARN . BUILD . EXPLORE

SENIOR ENGINEER

- MODE: OFFLINE
- TYPE: Individual or group classes
- TIME: FLEXIBLE
- AGE: 15 YEARS +
- DIY Kit: Given during practical classes
- DURATION: DEPENDS ON THE COURSE

DRONE BUILDING TRAINING

This course provides hands-on training on building and assembling drones, covering all aspects from selecting components to testing the final product. Participants will learn the technical skills needed to build and maintain drones for personal and commercial use.

RC AIRCRAFT BUILDING TRAINING

Our RC Aircraft building training equips participants with the skills and knowledge to build and fly their own remote-controlled airplanes. Learn the principles of flight, aerodynamics, and engineering while constructing your own aircraft from scratch.

FPV BUILDING TRAINING

FPV (First Person View) building training is a specialized course that teaches enthusiasts how to build custom FPV drones, which allow pilots to experience a first-person view of their flights in real time. This course covers everything from choosing components to assembling and testing the final product.

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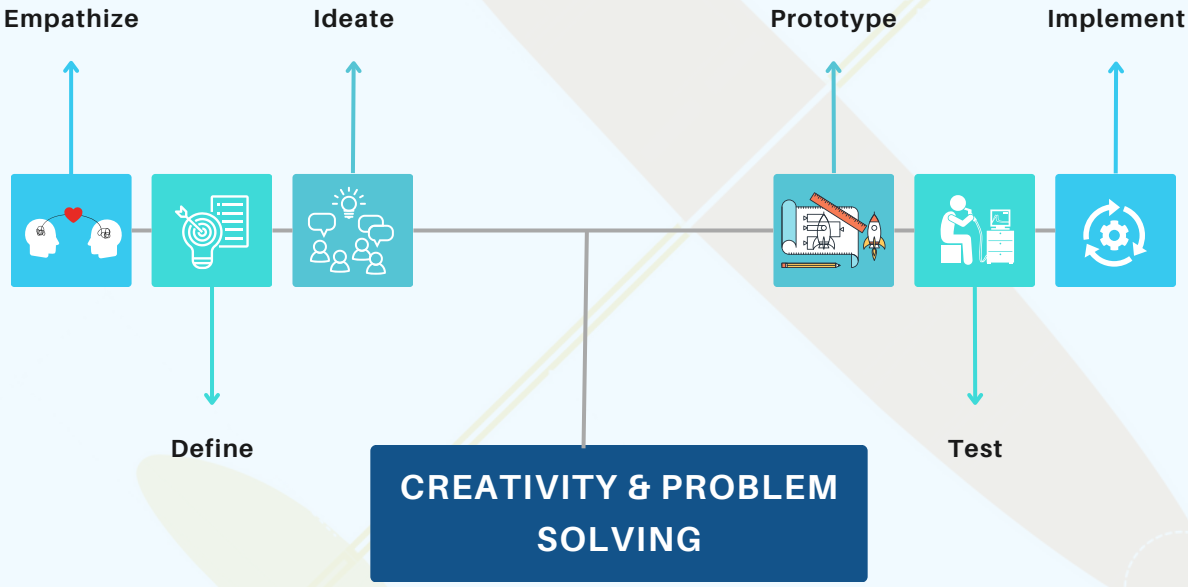
WHY AEROGO?

- STEAM EDUCATION
- LEARN FUTURE TECH
- GAIN 21ST CENTURY SKILLS
- HANDS ON LEARNING
- PERSONAL ATTENTION
- LEARN THE TRENDING SKILLS DIRECTLY FROM AN EXPERT

We follow
Design Thinking Methodology



Benefits of joining AEROGO

- Access to Aeromodelling video library
- Get course completion certificate
- Access to expert mentors via platform
- Access to Drone & Aeromodelling community
- Career Counseling and Mentorship
- All the materials and required tools are included in kit

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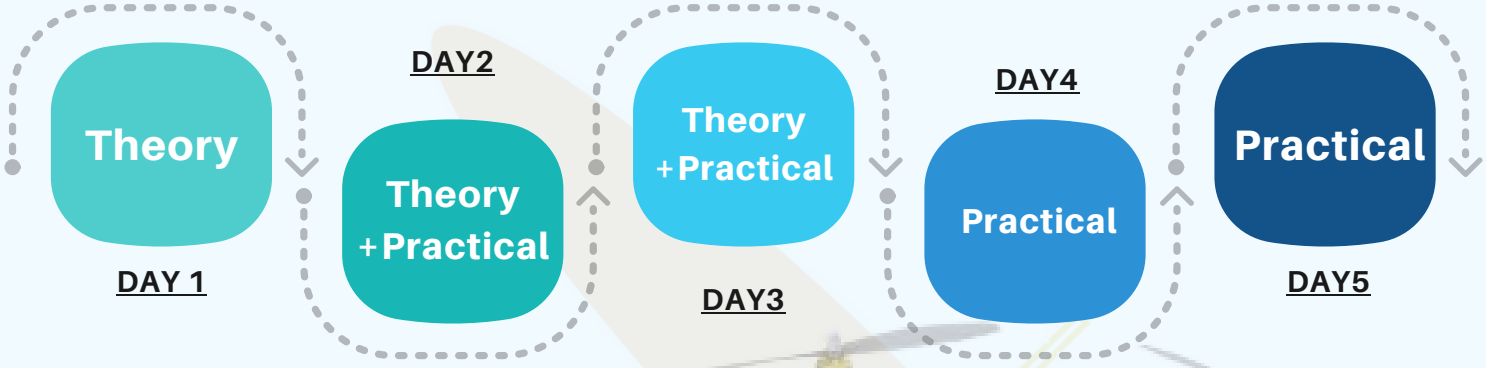
DRONE BUILDING COURSE

Total duration: 5 Days

DIY Kit Included

Session Flow for live classes



Course OUTLINE

1. Introduction to Drones
2. DGCA Rules and Regulations
3. Aerodynamics
4. The hardware of the Drone Circuitry (Electronic components, Sensors, Payloads, Controller, Soldering Techniques)
5. Software of Drone (Mission planner, Interfacing sensors/ Peripherals, Calibration, Testing)
6. Designing of Drone (Designing Software, Design of parts of drone, Testing)
7. Assembly of Drone - Applications

Key Highlights

- **Includes a Drone Kit (Quadcopter Kit)**
- **Live Practical Sessions**
- **Tips and tricks to build drones for Agri, Defense, Medical etc..**
- **Learn to build, fly, and code your own Drone**

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AIRCRAFT BUILDING COURSE

Total duration: 5 Days

DIY Kit Included

Session Flow for live classes

Course OUTLINE

1. Introduction to Aircrafts
2. DGCA Rules and Regulations for fixed wing
3. Aerodynamics and controls
4. The hardware of the Aircraft Circuitry (Electronic components, Sensors, Payloads, Controller, Soldering Techniques)
5. Software of Aircraft (Mission planner, Interfacing sensors/ Peripherals, Calibration, Testing)
6. Designing of Aircraft (Designing Software, Design of parts of drone, Testing)
7. Simulator training to fly Aircraft
8. Applications using fixed wing Aircrafts

Key Highlights

- **Includes a Aircraft Trainer kit**
- **Live Practical Sessions**
- **Tips and tricks to build fixed wing aircrafts for Agri, Defense, Medical etc..**
- **Learn to design, build and fly RC Aircrafts.**

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FPV BUILDING COURSE

Total duration: 5 Days

DIY Kit Included during class

Session Flow for live classes

Course OUTLINE

1. Introduction to FPV racing drones
2. DGCA Rules and Regulations for FPV Drones
3. Aerodynamics and control system of FPV
4. The hardware of the FPV Drone Circuitry (Electronic components, flight controller, Sensors, VTX, VRX, Payloads, Controller, and Soldering Techniques)
5. Software of Aircraft (Mission planner, Interfacing sensors/ Peripherals, Calibration, Testing)
6. Designing of FPV Drone (Designing Software, Design of parts of drone, Testing)
7. Simulator training to fly Aircraft
8. Applications using FPV Drone

Key Highlights

- **Includes a FPV Drone kit**
- **Live Practical Sessions**
- **Tips and tricks to build FPV drone for Agri, Defense, Medical etc..**
- **Learn to design, build and fly FPV Drone**