



Aerobot Research
and Innovative
Engineering
Solutions LLP



DGCA-CERTIFIED DRONE PILOT TRAINING PROGRAM (MEDIUM CATEGORY)

Admission Brochure
2025-26

AEROBOTLABS.COM

Become a DGCA-Certified Medium Category Drone Pilot

Train | Certify | Operate | Lead Advanced Drone Operations

Aerobot Research and Innovative Engineering Solutions LLP is a DGCA-approved Remote Pilot Training Organization (RPTO), committed to delivering advanced drone pilot training for professionals aiming to operate Medium Category drones (25kg to 150kg). This program is designed for industrial applications, high-payload operations, and specialized drone missions across sectors.

DGCA-Certified Remote Pilot Training Program (Medium Category)

Course Duration: 5 Days (hybrid) | **Eligibility:** 10th Pass & Age 18+

Certification: DGCA Remote Pilot Certificate (Medium Category – 25kg to 150kg)

What You'll Learn:

- DGCA Rules & Regulations (Medium Category)
- Advanced Flight Principles & Aerodynamics
- Payload Installation & Utilization
- ATC Procedures & Radio Telephony
- Weather Meteorology & Risk Assessment
- Drone Equipment, Maintenance & Safety
- Simulator & Real-Time Flight Operations
- Autonomous Mission Planning

Certification and Outcome:

Upon successful completion, participants will receive a DGCA-approved Remote Pilot Certificate (Medium Category), authorizing legal operation of medium-class drones across India for commercial and industrial applications, including inspection, infrastructure monitoring, logistics, mapping, and surveillance.



Why Choose Aerobot Labs for Your Drone Training Partner?

When it comes to drone pilot training, Aerobot Labs stands out as a premier choice for several reasons:

Aerobot Labs is a DGCA-certified RPTO known for its high training standards and strict regulatory compliance. Our experienced instructors bring real-world UAV expertise, ensuring students gain both theoretical knowledge and practical skills.

We provide a comprehensive curriculum combining classroom sessions, simulator training, and hands-on flying with industry-grade drones to prepare candidates for real-world operations.

Career Support and Opportunities

With a strong focus on safety, compliance, and industry readiness, our programs prepare you for careers in agriculture, surveying, cinematography, and more. Join a passionate community, gain hands-on experience, and access post-training career support for a successful future in the drone industry.



Course Duration & Syllabus

- **DGCA-Certified Drone Pilot Training (Medium Category – CAT ME)**
- **Total Duration: 5 Days**
- **Mode: Hybrid | Full-time**

➔ Training Schedule

Day	Module	Format
Day 1	DGCA Regulations & Advanced Drone Fundamentals	Theory
Day 2	Meteorology, ATC, Safety & Data	Theory
Day 3	Theory Test & Simulator Training	Theory + Practical
Day 4	Field Drone Training	Practical
Day 5	Advanced Flight & Final Assessment	Practical

➔ Syllabus Overview

DGCA Regulations & Flight Systems

- Medium category rules, stakeholders, airspace structure, and legal compliance.

Advanced Aerodynamics & Operations

- Hybrid systems, rotorcraft operations, payload handling, and flight performance.

Meteorology & Safety Management

- Weather analysis, risk assessment, emergency handling, and SOPs.

Drone Systems & Maintenance

- Equipment handling, system checks, and maintenance practices.

Simulator & Field Training

- Hands-on simulator sessions and real-time drone flying with mission exercises.

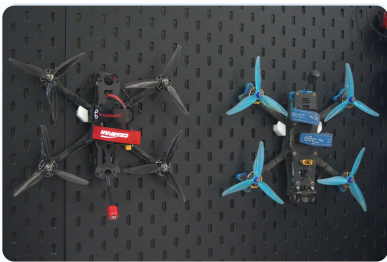
Related Courses

Advance Your Skills

Aerobot Labs is not only an RPTO for basic drone pilot licensing; we also offer advanced training programs and workshops to cater to specialized interests in the drone field. After completing your Remote Pilot Certificate, you may consider these additional courses to further expand your skill set:

After certification, explore:

- Drone Engineer Course (30 Days): Build & program drones
- FPV Drone Build & Pilot Training
- Agri-Drone Training: Drone spraying, crop imaging & smart farming



Beginner

10 Lessons 2 Students



FPV Drone Build & Pilot Training

Our FPV Drone Pilot Training Course is a flight-focused program that trains you to master real-time control.



Beginner

10 Lessons 5 Students



Drone Engineer Certificate Course

Master drone tech from basics to advanced programming and design in our all-in-one Drone Engineer Course.



Intermediate

10 Lessons 4 Students



Agri Drone Operations Course

Learn precision spraying, mapping, and field monitoring in our Agri Drone Operations Course etc.

Drone Training Program

About Our Training

Our Training Programs are Designed to provide hands-on experience in drone flying, building, and maintenance




- ✓ Practical drone flying session
- ✓ Drone assembly & maintenance
- ✓ Fpv Drone operations
- ✓ Real-time Field Practice

Available Courses



Accommodation

**Accommodation
Fees /-500**

-  Comfortable Stay
-  Basic Facilities
-  Training centre Nearby


Training Features

- ✓ Hands On Training
- ✓ Industry Expert Trainers
- ✓ Real Drone Flying Practice
- ✓ Certification Provided



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