



COURSE CONTENT

1. Beginner's Course in Drone Piloting:

In this course, we'll cover the essential topics to help you get started with flying drones safely and confidently. Whether you're interested in recreational flying or even pursuing a career in drone piloting, this course will provide you with the foundational knowledge you need.

Module 1: Introduction to Drones 1.1 What is a Drone? 1.2 Types of Drones 1.3 Drone Components and Terminology.

Module 2: Regulations and Safety 2.1 Understanding DGCA Regulations 2.2 Registering Your Drone 2.3 No-Fly Zones and Restricted Areas 2.4 Safety Guidelines and Best Practices.

Module 3: Getting Started with Your Drone 3.1 Charging and Installing Batteries 3.2 Remote Controller Functions 3.3 Pre-flight Checklist.

Module 4: Basic Flight Manoeuvres 4.1 Taking Off and Landing 4.2 Hovering 4.3 Ascending and Descending 4.4 Basic Forward and Backward Movement 4.5 Turning and Rotation.

Module 5: Understanding Flight Modes 5.1 Manual Mode vs. GPS Mode 5.2 Altitude Hold Mode 5.3 Return-to-Home (RTH) Function.

Module 6: Basic Camera Operation 6.1 Introduction to Onboard Cameras 6.2 Capturing Photos and Videos 6.3 Basic Camera Settings.

Module 7: Flight Techniques and Tips 7.1 Flying in Windy Conditions 7.2 Avoiding Obstacles 7.3 Maintaining Line of Sight 7.4 Dealing with Emergencies.

Module 8: Post-flight Procedures 8.1 Properly Shutting Down Your Drone 8.2 Reviewing Captured Media 8.3 Maintenance and Cleaning.

Module 9: Further Learning and Resources 9.1 Joining Drone Communities and Forums 9.2 Advanced Flight Training and Courses 9.3 Drone Technology Trends and Updates.

Module 10: Final Assessment and Graduation.

Remember, practice is key to becoming a skilled drone pilot. Gradually build your confidence by starting with simple flights and gradually progressing to more complex manoeuvres. Always prioritize safety and adhere to local regulations.

By the end of this course, you should have a solid foundation in drone piloting, enabling you to fly responsibly, capture stunning aerial imagery, and continue your journey in the exciting world of drones.