



Program Highlights

- Drone Design & Components – Introduction to UAV architecture, airframes, propulsion systems, electronics, sensors and flight controllers.
- Hands-on UAV Training – Practical exposure to drone assembly, configuration, calibration, diagnostics and basic flight operations.
- Safety & Flight Testing – Understanding pre-flight procedures, maintenance, safe UAV operations and controlled flight testing.

TWO-DAY NATIONAL WORKSHOP ON

DRONE TECHNOLOGY

*Drone Technology & UAV Systems
Theory • Demonstration • Hands-on*

WORKSHOP DETAILS



Date: 23 - 24 sep 2026



Time: 10:00 AM – 4:00 PM



Venue: Department of Geography



Presidency
College (A),
Chennai

Department of Geography

Sessions - Day 1

10:00 AM – 11:00 AM

Module 1: Introduction to Drones

11:00 AM – 12:00 PM

Module 2: Basics of Aerodynamics

12:00 PM – 01:00 PM

Module 3: Drone Components Identification

01:00 PM – 02:00 PM

Lunch Break

02:00 PM – 03:00 PM

Module 4: Basic Drone Assembly

03:00 PM – 04:00 PM

Module 4: Basic Drone Assembly – Continued

Sessions - Day 2

10:00 AM – 11:00 AM

Module 5: Drone Flying Practice

11:00 AM – 12:00 PM

Module 5: Drone Flying Practice – Continued

12:00 PM – 01:00 PM

Module 6: Safety, Rules & Awareness

01:00 PM – 02:00 PM

Lunch Break

02:00 PM – 03:00 PM

Industrial Applications of Drones

03:00 PM – 04:00 PM

Practical Demonstration & Recap

*Learn • Explore •
Assemble • Fly*

A practical, industry-oriented workshop introducing participants to drone components, aerodynamics, UAV assembly, flight operations, safety and real-world applications.

WORKSHOP DETAILS

RESOURCE PERSON

Eng. Akshaya Perinba Nayagam

Course Handled:

Drone Technology & UAV Systems

ABOUT MAPE ACADEMY

MAPE Training Academy, an initiative of MAPE IT Solutions Pvt. Ltd., provides industry-aligned training in emerging engineering and technology domains.

The Academy focuses on practical learning, industry exposure and application-oriented skill development, complementing academic education with relevant technical expertise. With the support of MAPE IT Solutions' technical and industry experience, MAPE Academy delivers structured training programs designed to bridge the gap between academic learning and contemporary industry requirements.

PROGRAM FEES

Program Name : Drone Technology

Duration: Two Days

Registration Fee: ₹200 per head

Training Method: Theory + Practical

Batch Size: 2 Batches – 100 Participants
(50 per batch)

Convenor

Dr. N Anbazhahan

Associate Professor & Head
Dept of Geography
Presidency College (A), Chennai

Organising Secretary

Dr P Ravikumar

Assistant Professor

Organising Members

Dr B Vasudevan

Associate Professor

Dr Shaik Mahamad

Assistant Professor

Dr R Geetha

Guest Lecturer

Dr BIJU

Guest Lecturer

MAPE Training Academy

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