



3GIRPS

INSTITUTE OF RESEARCH & POLICY STUDIES
BUILD INDIA TO SERVE THE WORLD

**3G INSTITUTE OF RESEARCH AND POLICY STUDIES
PRESENTS**

DRONE INTERNSHIP

Venue: IIT Madras Research Park
admin@3girps.org | www.3girps.org | + 91 99624 30308

10 DAYS INTERNSHIP DRONE

DAY 1

SESSION - I

Introduction to Drone

- DGCA guidelines

SESSION – II

- Basic of aeronautics

DAY 2

SESSION – I

Components of Drones

- Mechanical
- Electronics
- Avionics

SESSION – II

Design

- Design parameters
- Design calculations
- Quad & Fixed

DAY 3

- Fabrication of Quad copter

DAY 4

SESSION - I

Software installation

- Software integration and calibration

SESSION - II

- Do's and Don'ts of flying
- Pre flight check.
- Carrier offers

DAY 5

SESSION – I

- Design of fixed wing a/c
- Concepts of fixed wing

SESSION – II

- Materials used for fixed wing
- Types of fixed wing a/c

DAY 6

- Fabrication of hovercraft

DAY 7

- Fabrication of rover

DAY 8

SESSION – I

- Internet of Things

SESSION – II

- AI

DAY 9

SESSION – I

- Flying Session
- Intro to Flight Simulator
- Operations and Functions

SESSION – II

- Hands on with simulator
- Practical flying with solo

DAY 10

SESSION – I

- Practical flying session with instructor

SESSION – II

- Certificate Distribution

GET IN TOUCH WITH US



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HeadQuarters : IIT Madras Research Park, A Block, 6th floor, Kanagam
Road, 32, Tharamani, Chennai, Tamil Nadu 600113

Course Offered

- Internship
- Google AI
- Python
- Ethical Hacking
- Machine Learning - Deep Learning Workshop

DISCLAIMER : IITMRP does not have anything to do with the event and only the venue has been hired for the said event.