



रा.इ.सू.प्रौ.सं
NIELIT



**NATIONAL INSTITUTE OF ELECTRONICS &
INFORMATION TECHNOLOGY GORAKHPUR**

and **KANPUR AERO MODELLING CLUB, KANPUR**

Name of Course Certificate Course in Drone Technology

Duration 2-Weeks, 30 Hours

Starting From 06.04.2026 To 17.04.2026

Time 4:00 PM TO 7:00 PM (3 Hours Daily)

Mode of Training Blended Mode (Online & Offline Both)

Fees @Rs60 Per Hour, Total Fees Rs 1800 Including GST

Contact Person:



NIELIT GORAKHPUR

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	1. Sh. Bhairav Mishar STO 8317093885 bmishra@nielit.gov.in 2. Sh. S.C.Agrawal, PTO 8317093881 scagrawal@nielit.gov.in 3. Sh. A.G.Rao, JD 8317093870 agrao@nielit.gov.in	1. Sh.Aditya Kushwaha MD 9935089775 anpuraeromodellingclub@gmail.com 2. Sh.Anuj Kushwaha, Director 8318339101 anujkush73@gmail.com 3. Anubhav, Technical Member 9696714863 anubhavprojectsofficial@gmail.com
Day	Class Topic	Lab Topic
Day-1	Introduction to Drone Technology	1. To Study and understand the different components of a Drone and Their Functions 2. To study the Working Principles of Drone Flight Controllers and onboard sensors
Day-2 and Day-3	Basic Law of Drone Flying in India,	1.To Assemble a Quadcopter from Individual Components 2. To Perform a Safety Check Before Flying the Drone – Part 1
Day-4 and Day-5	Aviation Metrology	1. To Perform a Safety Check Before Flying the Drone – Part 2 2. To develop basic Piloting Skills by controlling a Drone Manually
Day-6 and Day-7	Drone Architecture	1.To Program a Drone for Waypoints-Based Autonomous Flight
Day-8	Drone Architecture,	1. To Study How Different Payload Weights Affect Drone Performance
Day-9 and Day -10	Mini Project & Troubleshooting <ul style="list-style-type: none"> ● Design and execute a real-world drone mission. ● Implement troubleshooting techniques for flight anomalies. ● Present their findings and demonstrate the drone The Final Assessment will include: <ul style="list-style-type: none"> ● Hands-on flight demonstration ● Analysis of mission success and challenge 	
NOTE		
A certificate will be issued after successful completion of the course and online exam		