India Space Academy

Remote Sensing & GIS From Basics To Ai-Powered Geospatial Analysis

Winter Training on Space Science and Technology 2025
(A Skill Training & Internship Program)

(December to January)

This training programme introduces participants to the fundamentals of Remote Sensing (RS) and GIS, then gradually integrates Artificial Intelligence (AI) and Machine Learning (ML) techniques for geospatial data analysis. The course is designed to provide both conceptual knowledge and practical hands-on skills, enabling participants to independently apply AI-powered geospatial workflows in agriculture, forestry, disaster management, and climate studies.

Tentative Topics:

1) GeoVision Basic
2) Smart Earth Data
3) Map Intelligence
4) Applied Geo-AI

Registration Start Date: 01/10/2025
Registration End Date: 10/11/2025 till 11:55 pm
Registration Link: https://isa.intership.indiaspaceweek.org/

www.isa.ac.in | contact@isa.ac.in | 011-44749707

India Space Academy

Astronomy & Astrophysics

Winter Training on Space Science and Technology 2025
(A Skill Training & Internship Program)

(December to January)

Awarded for distinguished participation, demonstrating knowledge in celestial science, exoplanet exploration, astrophotography, and research methodology with paper writing, showcasing dedication to advancing skills and excellence in the field of astronomy and astrophysics.

Tentative Topics:

1) Introduction to Astronomy & Astrophysics
2) Exoplanets
3) Astrophotography
4) Research Methodology & Paper Writing

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Advance Drone Technology

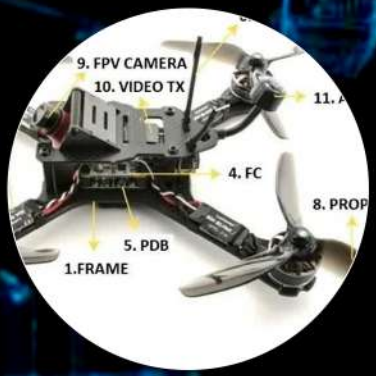
Winter Training on Space Science and Technology 2025
(A Skill Training & Internship Program)

(December to January)

This training explores the complete journey of drone development, from **structural design** and **assembly** to **flight controller integration** and fine-tuning. Participants will also learn **drone automation** using advanced flight software. The course combines theory and hands-on practice to build fully functional and efficient drones.

Tentative Topics:

1) Structural design of drone
2) Drone assembly
3) Flight controller integration and fine tuning
4) Drone automation using flight software



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