

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.



- 1) GeoVision Basic
- 2) Smart Earth Data
- 3) Map Intelligence



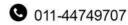
Registration Start Date: 01/10/2025

Registration End Date: 10/11/2025 till 11:55 pm

Registration Link: https://isa.intership.indiaspaceweek.org/



















India Space Academy



Astronomy & Astrophysics

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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:

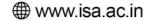
- 1) Introduction to Astronomy & Astrophysics
- 2) Exoplanets
- 3) Astrophotography
- 4) Research Methodology & Paper Writing

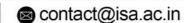


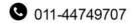
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Advance Drone Technology

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









Registration End Date: 10/11/2025 till 11:55 pm

Registration Link: https://isa.intership.indiaspaceweek.org/

