

VIRTUAL TRAINING AND INTERNSHIP PROGRAM



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Coimbatore, India

ABOUT SKYLINE

Skyline Space is a leading space technology company specializing in the development and application of Satellites. We are committed to advancing the field of CubeSats and leveraging their capabilities to revolutionize industries. As an intern at Skyline Space, you will have the opportunity to work alongside experienced professionals, gain experience with cutting-edge satellite technology, and contribute to innovative projects that push the boundaries of what rockets can achieve.

We are a dynamic space technology start-up, driven by a relentless pursuit of innovation and a fervent love for space exploration.

INTERNSHIP AND TRAINING PROGRAM

The Skyline Space CubeSats and Satellites Internship Program provide aspiring space enthusiasts with hands-on experience in designing, building, and operating CubeSats, as well as gaining valuable insights into satellite systems. Participants have the opportunity to work closely with experienced engineers and researchers, contributing to real-world satellite missions and advancing their careers in the dynamic field of aerospace technology.

This program is designed to challenge your skills, nurture your creativity, and provide you with real-world insights into the challenges and triumphs of the space industry. Join us at Skyline Space and play a pivotal role in shaping the future of space exploration through innovative Satellite design.

Skyline is committed to creating a supportive and inclusive work environment, where interns are encouraged to ask questions, share ideas, and contribute to the team's success. We offer competitive compensation packages and flexible scheduling options to accommodate your academic commitments.

What knowledge and skills will you acquire through our internship?

As part of your role, you will have the chance to contribute to both ongoing and upcoming missions, which offers an excellent opportunity for personal and professional growth. During this time, you will also gain valuable knowledge and experience.

- Astrodynamics
- Classification of Satellites
- Satellite Subsystems
- Orbit Perturbation
- Attitude Determination & Control System (ADCS)
- Materials & Space Grade Components
- Rules and Law for launching a CubeSat
- Systems Integration & Testing

You will receive access to the necessary tools and resources.

- Exclusive Course e-booklet from Skyline Space.
- Designing and Analysing Skills.
- Research Assistance.
- Career Guidance.
- Get and chance to publish your research work.
- Live interactive classes from working professionals and instructors.
- Get connected with industry peoples.
- Internship and Course completion certificate.
- Letter of recommendation.
- Chance to get a job opportunity with Skyline Space.

SYLLABUS

ANSYS

- Payload Fairing Aerodynamic
- Solar Array Drive Mechanism
- Spacecraft Fluent Analysis
- Static Analysis of Beams
- Structural Analysis
- Thermal Analysis
- Modal Analysis
- Fluidic Propulsion in CFD

SOLIDWORKS

- Introduction to Satellite Design
- CubeSat Casing
- CubeSat 1U Chassis Assembly
- CubeSat Frame Modelling
- Payload Design
- Propulsion Module Modelling
- Satellite 3D Modelling
- Solar Array for CubeSat

Working on Live Project

Eligibility

All Engineering and Science department students.

1st Year student / 2nd Year student / 3rd Year student / 4th Year student / Passeded Out student /

Freshers / Job seekers / Working Professionals.

Important Details

Monday to Friday – 18:00 IST Onwards.

Internship Period – 30 Days

Platform – Microsoft Teams.

Recorded Sessions will be provided.

Training Fee

Indian Candidates – INR ₹1799

International Candidates – USD \$30

(Inclusive of e – Certificate and GST).

Contact Us

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Visit Us

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