



# VIRTUAL TRAINING AND INTERNSHIP PROGRAM



+ 91 91501 12055



[www.skyline-space.com](http://www.skyline-space.com)  
[info@skyline-space.com](mailto:info@skyline-space.com)



Coimbatore, India

## **ABOUT SKYLINE**

Skyline Space is a leading space technology company specializing in the development and application of Aircraft technology. We are committed to advancing the field of Aircraft Design and Technology 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 aircraft technology, and contribute to innovative projects that push the boundaries of what drones can achieve.

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

## **INTERNSHIP AND TRAINING PROGRAM**

This program is designed to provide hands-on experience and invaluable insights into the various stages of aircraft development. As an intern, you will work closely with our seasoned team of engineers, collaborating on cutting-edge projects and contributing to the design process.

You will have the chance to witness first-hand the complexities and intricacies involved in crafting innovative aircraft solutions. Whether your passion lies in aerodynamics, structural design, and aircraft analysis, this internship will offer a comprehensive learning experience that will propel your career in the aerospace industry. Join us and embark on an exhilarating journey towards shaping the future of aviation.

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.

- Aircraft Aerodynamics
- Types of Propellants
- Fundamentals of Aircraft
- Aerofoils
- Introduction to ANSYS and CFD
- Boundary Layer Theory

### **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**

- Aircraft Aerodynamics Analysis
- Aerofoil Analysis
- Static Analysis of Beams
- Structural Analysis
- Thermal Analysis
- Modal Analysis
- Fluidic Propulsion of CFD

### **SOLIDWORKS**

- Fuselage Modelling
- Wing Modelling
- Wireframe Surface Design
- Stealth Bomber Aircraft
- Missile Casing
- Hypersonic Space Shuttle

### **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.

Letter of Recommendation.

Training Fess – INR 1500 / Per candidate (Inclusive of e – Certificate and GST).

## **Contact Us**

Mobile Number – +91 91501 12055

E-mail – [info@skyline-space.com](mailto:info@skyline-space.com)

[skylinespaceorg@gmail.com](mailto:skylinespaceorg@gmail.com)

## **Visit Us**

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