

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 Rovers 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 Robotics 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's Rover and Robotics Internship Program offers aspiring robotics enthusiasts hands-on experience in designing, building, and operating advanced robotic systems. Participants will gain valuable insights into Rover Technologies and Robotics applications in space exploration. Interns have the opportunity to work closely with experienced engineers and researchers, contributing to real-world robotic 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 rover and robotics 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 compensations 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.

- Rover and Subsystem
- Orbital Mechanics
- Classification of Robotics
- Evolution of Robotics
- Engineering Design Process
- Payload and Instruments
- Degrees of Freedom

You will receive access to the necessary tools and resources.

- Exclusive Course e-booklet from Skyline Space.
- Recordings of each live sessions.
- 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

- Rover Fluent Analysis
- Static Analysis of Beams
- Structural Analysis
- Thermal Analysis
- Modal Analysis
- Fluidic Propulsion of CFD

SOLIDWORKS

- Assembling the Rover
- Rover Wheel Assembly
- Rover Structure and Mechanism Modelling
- CAD Model of Pragyan Rover

CASE STUDIES

- Introduction to MATLAB
- GUI of MATLAB
- Making your own functions
- Programming the Rover with MATLAB

CASE STUDIES

- Vikram Lander
- Pragyan Rover
- Mars Perseverance Rover

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

Contact Us

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Visit Us

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