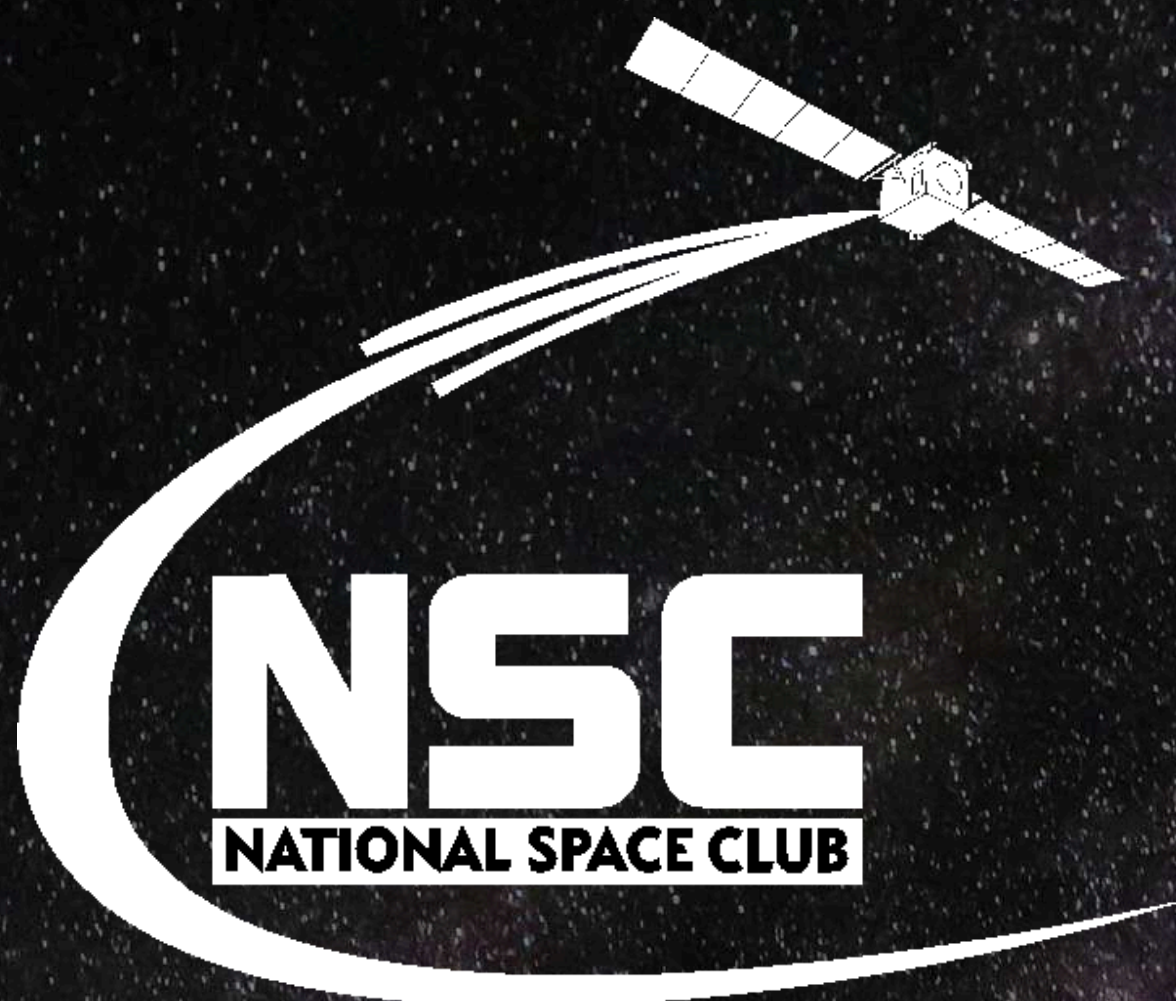
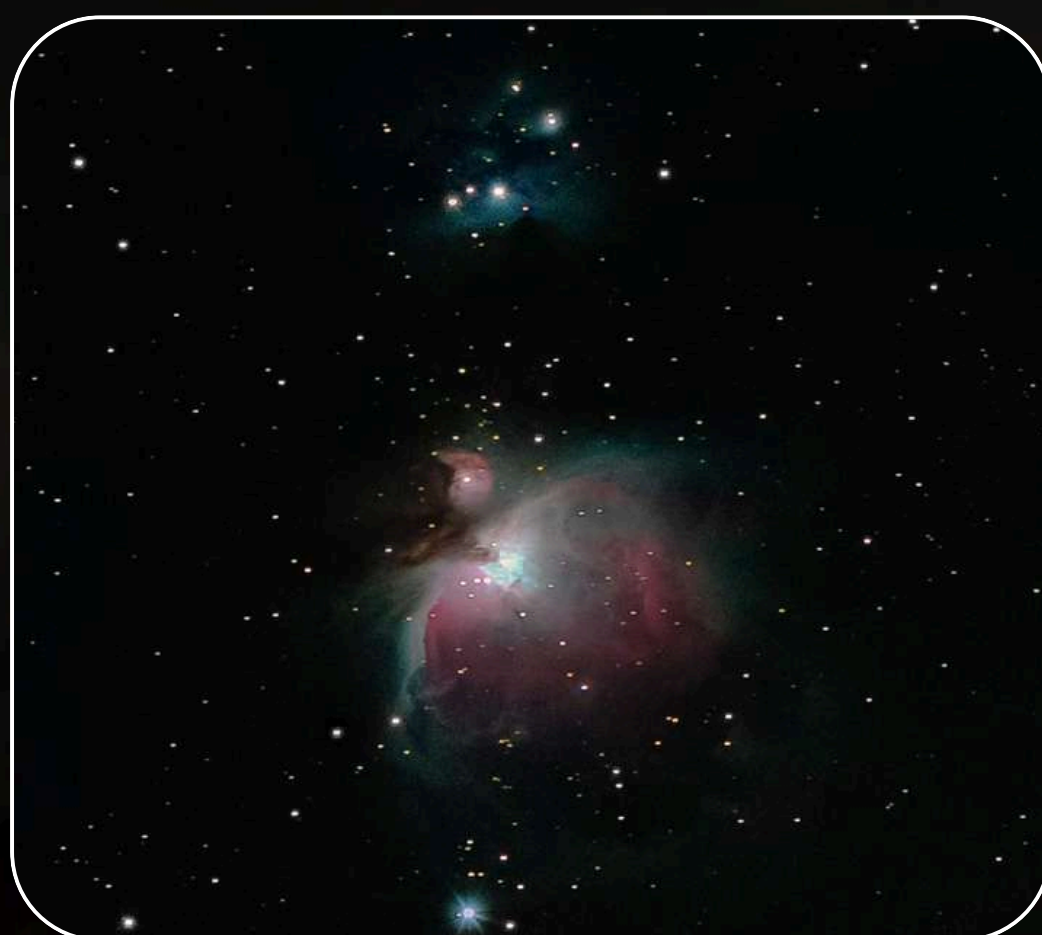




National Space Club

FOUNDATION ASTRONOMY & ASTROPHOTOGRAPHY WORKSHOP 2026

FROM UNDERSTANDING THE NIGHT SKY TO CAPTURING THE UNIVERSE
EXPLORE THE SCIENCE OF THE COSMOS AND LEARN THE BASICS OF
ASTROPHOTOGRAPHY





ABOUT INDIA SPACE ACADEMY



About

India Space Academy is an academic institution under the Department of Space Education of India Space Week. India Space Week is an autonomous body supported by the central and state governments. The role of India Space Week is to promote space education and employment among the students, teachers, and research scholars of schools, colleges, universities, and institutions. The academy develops workshops that spread awareness about the current requirements of the space industry. Additionally, it develops various programs to equip students with the necessary information, skills, practical experience, research exposure, and training to make them future-ready.

Mission

To bridge the gap between academic learning and industry demands by providing research-driven, hands-on education in space technologies. India Space Academy empowers students with practical skills, fosters innovation, and develops future-ready professionals for the global space sector.

Vision

To build a sustainable ecosystem where space science and innovation are accessible to all, empowering aspiring professionals with advanced skills to lead technological excellence and shape the future of space exploration.



National Space Club

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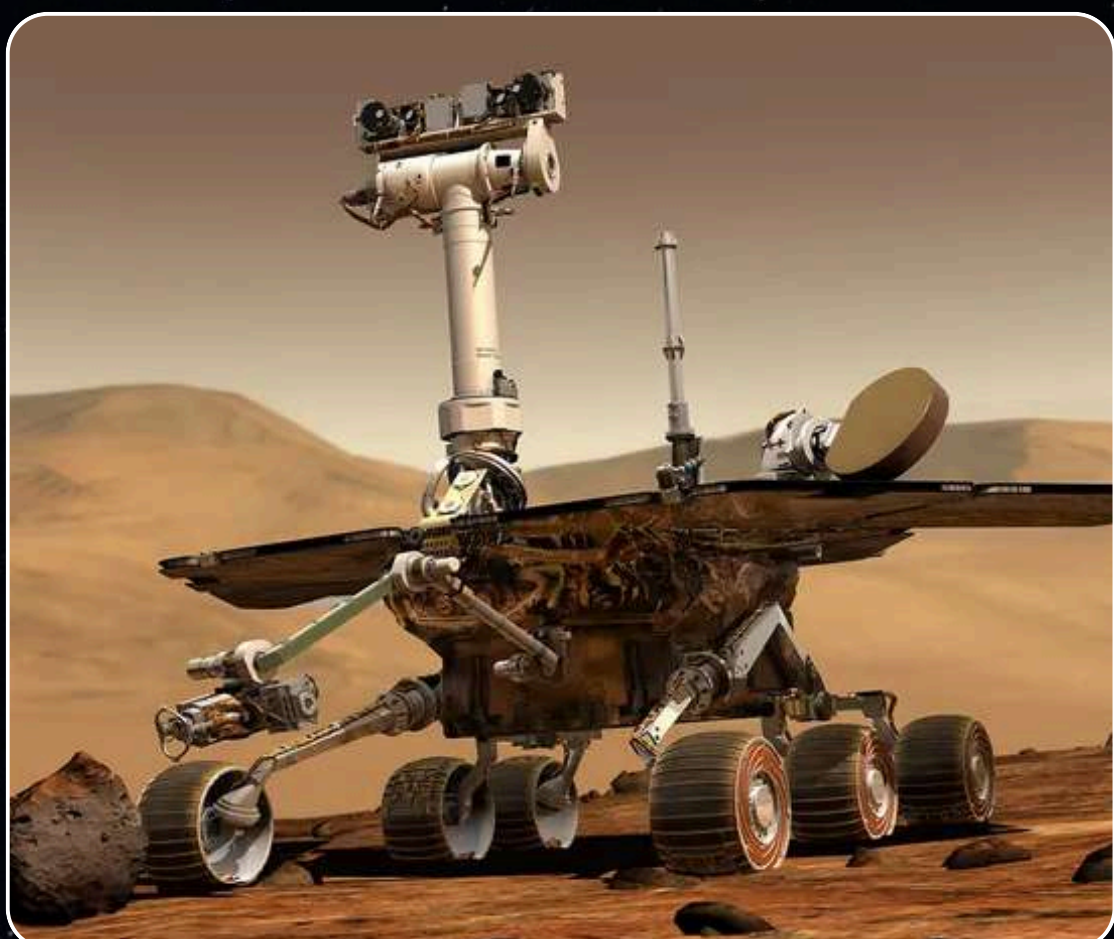
The National Space Club is an online initiative of India Space Academy aimed at promoting space science education among students. It provides a platform for young learners to explore astronomy, space technology, and innovation through structured programs, hands-on activities, expert sessions, and project-based learning in areas like rocketry, satellites, and astronomy. The club nurtures curiosity, teamwork, and leadership, preparing students for careers in space and STEM fields. The club focuses on developing scientific thinking, creativity, and future-ready skills.

OUR VISION

To create a dynamic ecosystem of space enthusiasts across the nation, making space exploration accessible to all, and inspiring a new generation of scientists, innovators, and visionaries to shape the future of space.

OUR MISSION

To connect space enthusiasts from every corner of India and provide opportunities to learn, explore, and collaborate to make India a global power in space industry under the guidance of the India Space Academy.



Workshop Overview

Begin Your Journey into Astronomy

Have you ever looked up at the night sky and wondered why stars appear to move, how planets can be identified, what causes the changing phases of the Moon, or how astronomers locate distant celestial objects?

Astronomy is the scientific study of the Universe and everything beyond Earth's atmosphere. It helps us understand the Sun, Moon, planets, stars, galaxies, nebulae, and the physical laws that govern the cosmos.

The Foundation Astronomy & Astrophotography Workshop has been specially designed for beginners who wish to build a strong foundation in observational astronomy before exploring the exciting world of astrophotography.

Throughout the workshop, participants will learn how the night sky changes, how to identify constellations and celestial objects, how to plan astronomical observations using modern software, and how different astronomical events occur.

Once these concepts are understood, the workshop introduces the fundamentals of astrophotography, where participants will discover how to capture celestial objects using smartphones, DSLR cameras, mirrorless cameras, and telescopes.

Whether you are a student, educator, space enthusiast, amateur astronomer, or photography lover, this workshop provides the perfect starting point to begin your journey into astronomy and astrophotography.

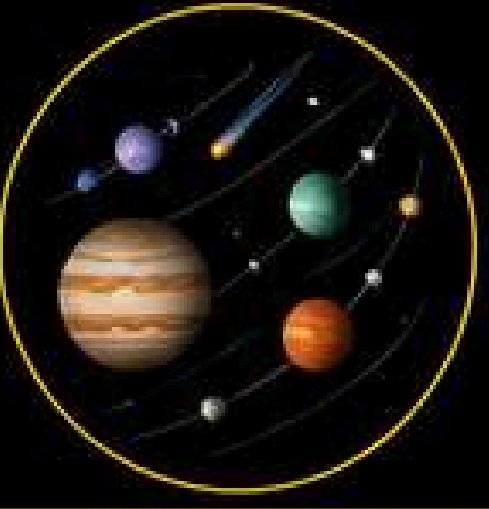


WORKSHOP HIGHLIGHTS



Astronomy Foundations

Learn the fundamentals of astronomy, Earth's motion, celestial coordinates, and seasonal skies to confidently understand and observe the changing night sky.



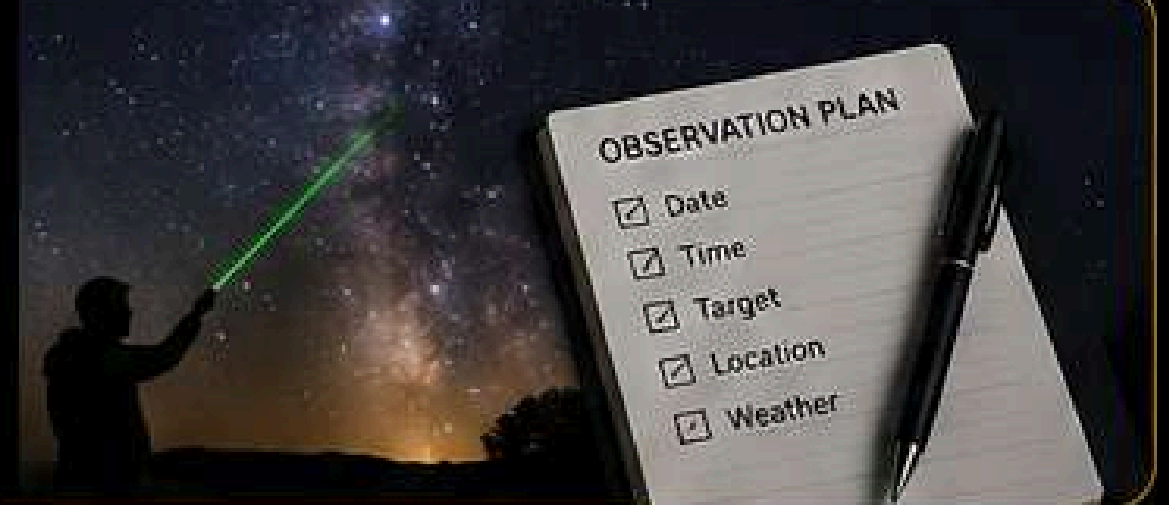
Understanding Celestial Objects

Learn to identify and observe the Moon, planets, stars, constellations, the Milky Way, meteor showers, comets, nebulae, and the ISS.



Planning Astronomical Observations

Learn to plan successful stargazing sessions by selecting the best dates, understanding Moon phases, checking weather, minimizing light pollution, and choosing ideal dark-sky observation sites.



Stellarium

Stellarium is a free planetarium software that simulates the night sky, helping users identify celestial objects and plan accurate astronomical observations from any location.



Fundamentals of Astrophotography

Learn the basics of astrophotography using smartphones, DSLR, and mirrorless cameras to capture the Moon, planets, Milky Way, and star trails.



Planning Astronomical Observations

Learn to plan successful stargazing sessions by selecting the best dates, understanding Moon phases, checking weather, minimizing light pollution, and choosing ideal dark-sky observation sites.



Interactive Question & Answer Session

Engage in a live interactive session with the instructor to ask questions, clarify concepts, and enhance your understanding of astronomy.



WHO CAN JOIN?



School Students
(Class IX onwards)



College Students



Professors &
Educators



Space
Enthusiasts



Amateur
Astronomers



Photography
Enthusiasts

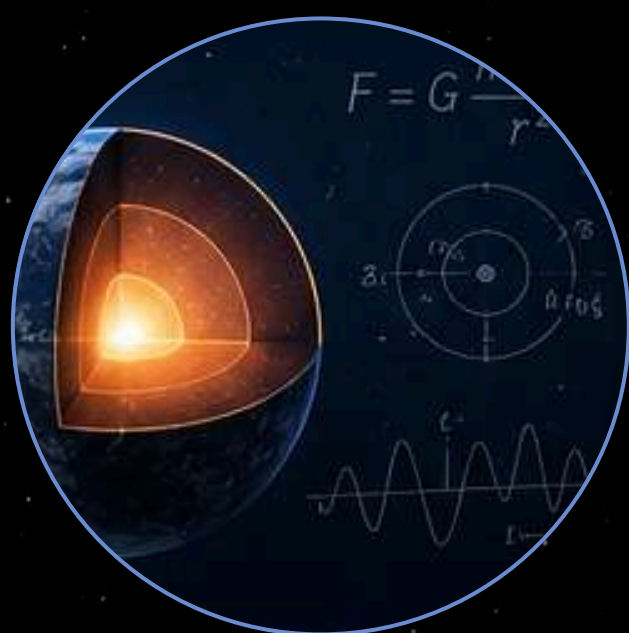


Beginners in
Astronomy & Astrophotography

WHY JOIN THIS WORKSHOP?



Build a strong foundation
in astronomy



Understand the science
behind the night sky



Learn how to identify
celestial objects



Discover how astronomers
plan observations



Gain hands-on experience
with astronomy software



Learn the fundamentals of
astrophotography



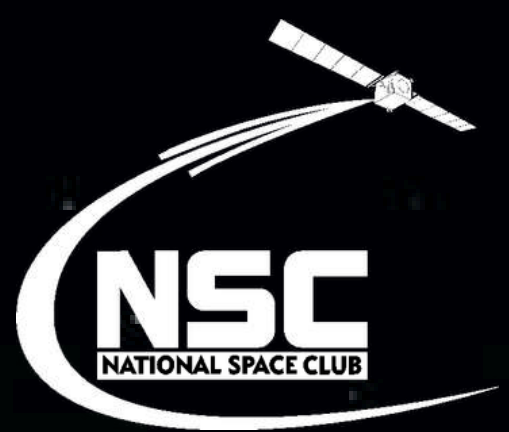
Beginner-friendly
practical demonstrations



Become a part of the
National Space Club
community

IMPORTANT DETAILS

- **Mode:** Online (Zoom)
- **Language:** English
- **Start Date of Registration:** 06 July 2026
- **Last Date of Registration:** 18 July 2026
- **Workshop Date:** 19 July 2026
- **Session Length:** 2.5 Hours (Live Session + Hands-on Demonstration + Q&A)
- **Timing:** 12:00 PM to 02:30 PM
- **Eligibility:** Open to school students (Class VI onwards), researchers, faculty members, and Space Enthusiasts
- **General Registration Fee (Non-Refundable):** ₹250/-
- **NSC Members Registration Fee (Non-Refundable):** ₹100/-
- **Certificate:** A digital certificate will be provided to all registered participants upon successful completion of the workshop.
- **Registration Link:**
https://nsc.indiaspaceweek.org/workshop/astronomy_and_astrophotography/registration_form/



CONTACT US



"The Future of Space Starts With You"

Join • Learn • Innovate 

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