

**ONLINE SHORT COURSE  
ON  
“Introduction to Space Science  
and Technology”**

**April 07-11, 2025**



**Last date for receipt of  
application: March 20, 2025**

**Science Programme Office  
ISRO HQ.**

**Organized By**



**CSSTEAP**

**Conducted By**



**ISRO**

## Background

Humans have been fascinated by the mysteries of the universe since past centuries. Space exploration is not only unveiling the mysteries of the universe but also act as a catalyst for developing technology and economic prosperity which are very much essential for the advancement of the society.

Presently, there is a rejuvenated interest among the spacefaring nations to explore Moon and Mars with objectives such as addressing knowledge gaps, in-situ resource utilisation, in search of potential habitats and extinct/extant of life etc. The advanced technologies driving us to venture exploration of outer solar system objects and even beyond.

Space science covers various domains of research including planetary science and exploration, Astronomy and Astrophysics, Heliophysics / Sun-Earth interaction, Atmospheric science, Astrobiology and associated technology development.

## About CSSTEAP

CSSTEAP was established in India in November 1995 with its headquarters at Dehradun. The centre has emerged as a Centre of Excellence in capacity building in the field of space science and technology applications. For more information, visit [www.cssteapun.org](http://www.cssteapun.org)

## Objective of the course

Attract the youngsters to the fields of space science and technology, by creating an overall awareness of the different facets of space science. This would also make them aware of the cross-disciplinary nature of space science and technology activities, which will help them appreciate the importance of system level thinking.

## Faculty & Medium of Instruction

The core faculty is drawn from Science Programme Office, ISRO and premier agencies from India. The faculty has rich experience in the field of Space Science and Technology. The medium of instruction shall be in English.

## Course Content

Lecture modules address different facets of space science and technology like Near-Earth space, Solar system and its exploration, Space Mission Design, Astronomy and Astrophysics, Cosmology, and Space Instrumentation.

## Eligibility

Applicants should have a Bachelor's degree with major in Physics, Chemistry, Maths or Computer Science OR a Master's degree in above subjects.

## How to Apply

- Eligible candidates can apply online through the CSSTEAP website. <https://admissions.cssteapun.org>
- Applicants are requested to send the application forwarded by the Head of their respective institute/Organisation.
- Incomplete applications will not be considered for selection

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In case of any difficulties while submitting the online application form, please contact [websupport@iirs.gov.in](mailto:websupport@iirs.gov.in) through e-mail.

Link for lectures will be shared with selected applicants in due course. Applicants are advised to check the website [www.cssteapun.org](http://www.cssteapun.org) regularly for further updates and information.

## Contact Detail

For any course related query, the applicants may contact :  
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