

START-2025 Theme: **Future of India's space exploration**

Tentative Programme schedule

No.	Date and Time (hrs)	Lecture Title
	09 th January 2025 14:30 – 15:00	Inauguration
1	09 th January 2025 15:15 – 16:00	India's Space Science Exploration: Past, Present and Future: Context of START 2025
2	10 th January 2025 15:30 – 16:15	India's Human Spaceflight Programme: Beginning of a new Era
3	10 th January 2025 16:30 – 17:15	India's Own Space Station: The Bharatiya Antarish Station (BAS)
4	13 th January 2025 15:30 – 16:15	India's contributions to exploratory Lunar Science
5	13 th January 2025 16:30 – 17:15	Microgravity and Biology of Living Systems: Challenges for Human Space exploration and new opportunities for research.
6	15 th January 2025 15:30 – 16:15	Scientific Opportunities for Indian Astronauts on Lunar Surface
7	15 th January 2025 16:30 – 17:15	Towards a Better Understanding of the Sun-Earth Connection: Avenues for Next Two Decades
8	16 th January 2025 15:30 – 16:15	Envisioning the future for Solar System Exploration
9	16 th January 2025 16:30 – 17:15	Future Directions in Space-Based Astronomy and Astrophysics
10	17 th January 2025 15:30 – 16:15	Future Directions in Astrochemistry Research
11	17 th January 2025 16:30 – 17:15	Space-Based Cosmology: Thoughts for Future Exploration
12	20 th January 2025 15:30 – 16:15	India's Venture to Heliophysics and Space Weather: Present Status and Future Opportunities
13	20 th January 2025 16:30 – 17:15	In Search of the Exoplanets
14	21 st January 2025 15:30 – 16:15	Ground Observatories in India
15	21 st January 2025 16:30 – 17:15	Lagrange Points as Vantage Points in Space-based Exploration: Future Opportunities
16	22 nd January 2025 15:30 – 16:15	Understanding and predicting solar activity: Do sun's poles have the answer.
17	22 nd January 2025 16:30 – 17:15	Launch Vehicles for Future Space Exploration
18	23 rd January 2025 15:30 – 16:15	Advanced Propulsion System for Future Space Exploration
19	23 rd January 2025 16:30 – 17:15	Docking in Space: Technologies, Challenges and Possibilities
20	24 th January 2025 15:30 – 16:15	Communication and Navigation for Futuristic Interplanetary Missions
21	24 th January 2025 16:30 – 17:15	Scientific Payloads and Techniques for Solar System Exploration
22	27 th January 2025 15:30 – 16:15	Space Robotics in Future Science Exploration

23	27 th January 2025 16:30 – 17:15	Building structures on the Moon: Challenges and Possibilities
24	28 th January 2025 15:30 – 16:15	Enabling and Disruptive Technologies for Future Space Science Exploration
25	28 th January 2025 16:30 – 17:15	Challenges in the Archival and Analysis of Planetary Samples
26	29 th January 2025 16:30 – 17:15	Planetary Protection in Scientific Exploration: Will new Rules be Necessary for Future?
	Will be announced in course of time	Concluding Session