

**Sri Sathya Sai Institute of Higher Learning
Anantapur Campus**

Department of Physics

National Space Day 2025 Report

Our Bharat has made significant strides in the field of space exploration and technology, and in recognition of the historic accomplishment of the successful landing of Chandrayaan-III near the lunar south pole on August 23, 2023, the Hon'ble Prime Minister of India, Shri Narendra Modi, declared August 23 as "National Space Day."

With the Divine Blessings of Bhagawan Sri Sathya Sai Baba, the Space Club of the Department of Physics, Anantapur Campus, spearheaded a series of programs spanning over a week culminating on the National Space Day on August 23, 2025, with the support of the Physics Club.

On 23rd August 2025, the celebration commenced at 9:05 am in the Campus auditorium with the resonant chanting of the Brahmānandavalli, invoking the blissful and infinite nature of the cosmos and setting an elevating tone for the day. This was followed by a set of talks by the students: Miss Pallavika, a III B.S. (Hons.) Physics student, recalled the landmark moment of Chandrayaan III landing which has become a source of national pride and inspiration for the students of our country.

Miss Tejaswi of III B.S. (Hons.) Physics shared her thoughts on "Why Space Matters to Us," highlighting how space research impacts every aspect of daily life, expanding not only scientific frontiers but also human imagination and responsibility.

The creative highlight of the celebration was a skit titled "From Aryabhatta to Gaganyaan" written and enacted by the students. Through dramatic narration and effective enactment, the skit traced India's journey from the astronomical contributions of ancient India's scientists Aryabhatta, Bhaskaracharya, Maharaja Jai Singh, leading to Dr. Vikram Sarabhai who envisioned and established India's Space program. The skit highlighted the modern accomplishments of ISRO. The play vividly portrayed the continuity of India's scientific spirit and aspirations, culminating in a reference to India's upcoming human spaceflight programme - the Gaganyaan mission.

Miss Mrudula of III B.S. (Hons.) Physics presented insights into Chandrayaan-3's ongoing mission, the Aditya-L1 solar observatory, ISRO's plans for a Bharatiya Antariksha Station, and the role of technologies like Vyommitra in space exploration.

This was followed by a video presentation on the Gaganyaan mission, offering an exciting glimpse into India's preparations for sending humans to space. The visuals inspired awe and pride, making India's futuristic ambitions feel tangible and within reach.

Miss Sai Niveditha of III B.S. (Hons.) Physics delivered a talk weaving together the spiritual and scientific aspects of the cosmos, which was followed by a video clip of the Divine Discourse by Bhagawan Sri Sathya Sai Baba. In His loving style, Swami beautifully explained that the universe is

not just a collection of matter and material, but the very manifestation of the cosmic personality of God, a reflection of the Divine itself. Swami reminded us that God is never separate from us, that consciousness is present everywhere: within us, around us, above and below us.

The morning session concluded with a heartfelt vote of thanks by Miss Sujata Kumari, II B.S. (Hons.) Physics and Mangala Aarati to Bhagawan.

As a forerunner to the space day celebrations, the Space Club also organized a creative Comic Strip Competition on the theme “Alien Astronaut Adventure”, aimed to ignite imagination among the students by blending science with creativity. The submitted entries were evaluated and the best creators were awarded with certificates of appreciation.

The evening session consisted of interactive activities celebrating India’s space achievements. Highlights included thematic photobooths and space-themed games such as an online crossword, quiz, a Vikram Sarabhai puzzle, and a satellite-matching activity. Many students participated enthusiastically creating a lively, collaborative atmosphere that blended learning with celebration. Prizes were awarded to winners.

Program Coordinator:

Prof. Deepa Seetharaman, DPHY, Deputy Director, Teacher Coordinator of Space Club, Anantapur Campus

Space Club functionaries:

President of Space Club: Ananya R Koushik (III B.S.(Hons) Physics student)

Vice-President: Appi Reddygari Sharada (III B.S.(Hons) Physics student)

Secretary: Paluru Sai Tejaswi (III B.S.(Hons) Physics student)

Supported by:

Dr. C Prathibha, Associate Head, Department of Physics, Coordinator, Physics Club

Dr. Lavanya Rathi, Department of Physics

Audiovisual systems support: Dr. A. Vedavathi, Department of Physics

Research scholars, Department of Physics

Students of III B.S. (Hons.) Physics, II B.S. (Hons.) Physics and I B.S. (Hons) (Physics) and the Physics Club helped in the arrangements and decorations.

Participants:

About 40 faculty members of all the departments of the Campus attended the program

Number of student participants: Nearly 500 students belonging to all the programs at the Anantapur Campus participated in the program.

Link to Brochure:

https://drive.google.com/file/d/1gQ1Q6XaS0GsTD85FkpOVFgeni_ODcrzk/view?usp=drive_link

Link to geotagged pictures (morning session in Auditorium):

https://drive.google.com/drive/folders/1m_jeycg80Lp6qiS8hNE2YrOzH3tdxBz?usp=drive_link

Link to non-geotagged photos (morning session in Auditorium):

https://drive.google.com/drive/folders/1hj2ckh1Hst631sGHH2zkiXdorSIQ406?usp=drive_link

Link to non-geotagged photos (Evening games session):

https://drive.google.com/drive/folders/1V8dAbFe0vqAtrMATBAijSOBz9JSRln8x?usp=drive_link

Event Report: National Space Day at SSSIHL-PSN Campus

Date: August 23, 2025

Venue: College Auditorium, Sri Sathya Sai Institute of Higher Learning,
Prasanthi Nilayam Campus

Theme:

"Aryabhatta to Gaganyaan: Ancient Wisdom to Infinite Possibilities"

The Department of Physics at Sri Sathya Sai Institute of Higher Learning, Prasanthi Nilayam campus, celebrated National Space Day on August 23, 2025, with an inspiring event focused on the remarkable progress of Indian space exploration. The celebration, held in the college auditorium, brought together students, faculty, and an invited guest speaker to commemorate India's achievements and ignite a passion for space science.



The image displays a promotional poster for National Space Day on the left and a detailed event schedule on the right. The poster features a vibrant nebula background, the event title 'NATIONAL SPACE DAY', the theme 'ARYABHATTA TO GAGANYAAN : ANCIENT WISDOM TO INFINITE POSSIBILITIES', the date '23 AUGUST, 2025', and the location 'College Auditorium, PSN campus'. The schedule table on the right lists the program from 9:45 AM to 1:30 PM, including an invocatory, presentations, a guest speaker, a quiz competition, and a planetarium show.

Time	Activity
9.45 AM - 9.50 AM	Invocatory Veda Chanting & Introduction
9.50 AM to 10.15 AM	Indian Space Saga Students' Presentations
	Topics: ISRO's Stellar Growth, Notable Indian Space Scientists, Indian Space Missions, Overview of Rocket Fuels
10.15 AM - 10.45 AM	Invited Guest Speaker SRI. SRIDHAR RAJA VLN Scientist SG, Instrumentation and Lasers Division, LEOS -ISRO, Bengaluru. Current Space Missions: <u>Chandrayaan- 4 & 5, Mars Landing Mission</u> Past Space Missions: Chandrayaan-1& 3, Mangalyaan-1
	(Online mode) G-meet link: https://meet.google.com/jvd-inrr-hug
10.50 AM -11.30 AM	QUIZ Competition for UG and PG students
11.35 AM	Prizes & Mementos Distribution to Quiz winners and Student Speakers
11.45 AM	Vote of Thanks
	Lunch Break
1.30 PM -2.30 PM	Planetarium Show for all Physics students and interested Students from other departments at Sathya Sai Space Theatre.



The day began with invocatory chanting, setting a serene and focused tone for the proceedings. This was followed by a series of insightful student presentations on "Indian Space Saga."



A multidisciplinary group of undergraduate and postgraduate students from various science disciplines presented topics which included **ISRO's Stellar Growth, Notable Indian Space Scientists**, various **Indian Space Missions**, and an overview of **Rocket Fuels**, providing a comprehensive look at the nation's space journey.

The highlight of the event was an invited talk (online) by Guest speaker **Sri. Sridhar Raja VLN**, a Scientist SG from the Instrumentation and Lasers Division at LEOS-ISRO, Bengaluru. The delivered online talk covered India's past and current space missions, including detailed discussions on **Chandrayaan-1 & 3**, **Mangalyaan-1**, and the future missions like **Chandrayaan-4 & 5** and the **Mars Landing Mission**. His presentation offered invaluable insights into the complexities and successes of ISRO's endeavors.



23 August
NATIONAL SPACE DAY
Touching lives while touching the Moon: India's Space Saga

Srihar Raja delivered a talk at SSSIHL, covering India's past and current space missions, including detailed discussions on Chandrayaan-1 & 3, Mangalyaan-1, and the future missions like Chandrayaan-4 & 5 and the Mars Landing Mission. His presentation offered invaluable insights into the complexities and successes of ISRO's endeavors.

SRI. SRIDHAR RAJA VLN
Scientist SG
Instrumentation and
Lasers Division at
LEOS-ISRO, Bengaluru

SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING
PRASANATHI NILAYAM
सत्यं वद धर्मं चर

Following the lecture, a **spirited quiz competition** was held for undergraduate and postgraduate students. The quiz tested the students' knowledge of space science and India's contributions to it, encouraging active participation and learning.



The event concluded with the distribution of prizes to the winners of the quiz and mementos to the student speakers, followed by a vote of thanks. The celebration extended into the afternoon with a special planetarium show for all Physics students and other interested participants at the Sathya Sai Space Theatre.

The event successfully achieved its goal of raising awareness about the importance of space science and fostering a spirit of inquiry and innovation among the students. The day served as a powerful reminder of India's ancient wisdom and its potential for infinite possibilities in the cosmos.

Program Coordinator(s):	Dr. Sai Muthukumar V Faculty, Dept. of Physics & Dr. K Vijay Sai , HoD-DPHY, PSN Campus
President of Space Club:	Tanay Saha (Research Scholar)
Vice-President:	M. Sai Rohith (III B.S.(Hons) Physics)
Secretary:	V V N R S Koutilya (I M.Sc. (Physics))
Participants:	About 20 faculty members of all the departments of the Campus attended the program. Number of student participants: Nearly 150 students belonging to various programs at the Prasanthi Nilayam Campus participated in the program.
Link for Photographs	Geo Tagged: https://drive.google.com/drive/folders/1Dkw5sFZ1-yX9mPYybTVRHJBZUwZB9vex?usp=sharing Non-Geo-tagged: Non Geotagged pics NSpD-2025 FULL Folder access: NSpD 2025 - DPHY-PSN