

## DEPARTMENT OF INFORMATION TECHNOLOGY

### INDUSTRIAL VISIT REPORT

Topic Name	National Space Exhibition 2025
Type of activity (Seminar/ Webinar/ Workshop)	Industrial Visit
Name of the industry	ISRO
Mode, Date and Time	In-person 22 <sup>nd</sup> August, 2025, 10:00 am – 5:00 pm
Target audience	IT, 3 <sup>rd</sup> semester
Organised by	Dr. Deepshikha Yadav, AP IT Dept. Prof. Prabhjot Kaur (HOD, IT Dept.)
Attended participants	73/90 (81.1 % Attendance)

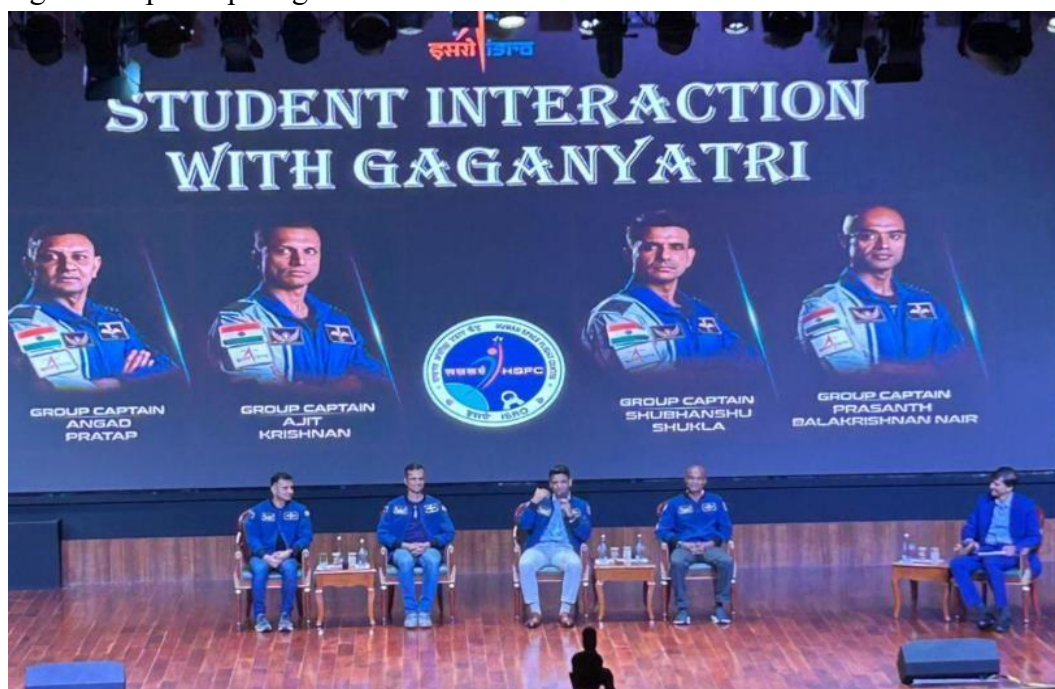
#### Introduction

On the occasion of **National Space Day 2025**, students and faculty members from **Department of IT, MSIT** visited **Bharat Mandapam, Pragati Maidan, New Delhi** to attend an exclusive session titled “**Student Interaction with Gaganyatris**”.

The event provided students with the opportunity to meet and interact with the selected astronauts of India’s prestigious **Gaganyaan Mission**:

- **Group Captain Shubhanshu Shukla**
- **Group Captain Prasanth Balakrishnan Nair**
- **Group Captain Angad Pratap**
- **Group Captain Ajit Krishnan**

This interactive session, followed by an exhibition visit and VR experiences, was highly enriching for the participating students.



#### Key Highlights of the Visit

##### 1. Inspirational Interaction with Gaganyatris

The astronauts shared their **life journeys** — from joining the NDA (National Defence Academy), flying fighter jets, undergoing rigorous training, to being selected for India's first human spaceflight mission. They spoke about:

- The **transition from Air Force pilots to astronauts**.
- Their training experiences and preparations for space.
- How Earth looks from space and the emotions it evokes.
- Scientific experiments planned during the Gaganyaan mission.

The session inspired students and gave them a deeper perspective on **India's human spaceflight program**.



## 2. Student Engagement and Thoughtful Questions

MSIT students actively participated by asking **thought-provoking questions** related to:

- Space exploration challenges.
- Psychological and physical demands of astronaut training.
- Applications of space technologies for India's future.

The astronauts responded enthusiastically, appreciating the curiosity and spirit of inquiry shown by the students.



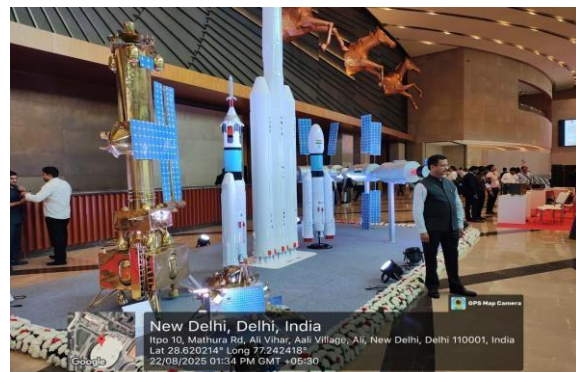
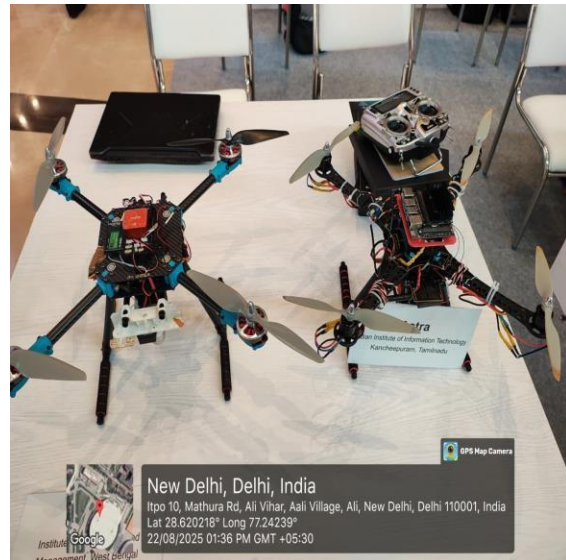


#### 4. Exhibition Visit and VR Experience

Following the interaction, students explored the **National Space Day Exhibition**, which showcased:

- Models of rockets, satellites, and technologies developed by ISRO.
- Student innovations, including **drones and UAVs**.
- Material sciences and stability demonstrations.

The **VR show tickets** allowed students to experience simulated space travel, further enhancing their imagination and learning.



#### Outcomes

The visit to **National Space Day 2025 at Bharat Mandapam** was a **transformative experience** for IT students. It offered:

- Direct interaction with India's first astronauts of the Gaganyaan mission.
- Exposure to cutting-edge space technologies.
- A chance to visualize India's future in human spaceflight and innovation.

The event strengthened the students' motivation to contribute to India's space research and technology development.

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Prof. Prabhjot Kaur  
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