



सत्यमेव जयते

**ST. FRANCIS COLLEGE FOR WOMEN,
 HYDERABAD ACADEMIC YEAR 2025 - 2026
 DEPARTMENT OF COMPUTER SCIENCE**

**Report on the Field Trip to Indian Space Research Organization (ISRO/NRSC,
 Jeedimetla, Hyderabad) Conducted on 9th December,2025.**

Time: 8:00 a.m-3:00 p.m.

Brochure:

St. Francis
 College for Women
 Begumpet, Hyderabad-500016
 (Autonomous & Affiliated to Osmania University)

DBT STAR COLLEGE
 (Under Strengthening Component)

Department of Computer Science

Organizes a
Field Visit to
ISRO / NRSC
 Jeedimetla, Hyderabad.

Scope of the Visit :

- Understanding Space Technology and Missions.
- Exposure to Remote Sensing & GIS applications.
- Interactions with Scientists & Engineers.

9th December, 2025
9:00 am to 2:00 pm

Attendees :
 B.Sc Second year B, D, F, H Students

Coordinated by :

Dr. Sr. Sujatha Yeruva
 Head, Department of Computer Science
 Associate Professor

Ms. S. Shobana
 Assistant Professor

Ms. P. Renuka
 Assistant Professor

Department of computer science has organized a visit to Indian Space Research Organization on 9th December,2025. The event was organized for 2nd Year Physical Science in National Remote Sensing Center (NRSC), Jeedimetla, Hyderabad.



Objectives:

- To provide insight into the workings of India's premier space research and development and with the understanding of the inter workings and operations of NRSC
- To highlight, it's previous achievements as well as current and upcoming space programs, and to inspire students towards pursuing careers in space science and technology.

Outcomes of the event:

- A comprehensive presentation by the Scientists detailing ISRO's distributed structure, specialized centers, and major achievements like Chandrayaan-3 and the Mars Orbiter Mission (MOM) as well as outlining aspirational projects including the Gaganyaan crewed mission and the joint NASA-ISRO NISAR satellite for Earth observation and natural calamity tracking.
- The students explored exhibits focusing on **satellite testing protocols** and real-time data monitoring. They learnt about the role of specialized software in downlinking, decrypting, and processing satellite data and telemetry.
- Field Trip provided students with a deeper appreciation of the complexities involved in space exploration and the immense dedication
- The field trip concluded with a feedback session, were
- Students Interacted with Scientists of the NRSC team who shared their invaluable knowledge with the participants.



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Pictures



The Students and Faculty at ISRO/NRSC



Students gathered for guest lecture at ISRO/NRSC

Savithri

DBT Coordinator