



Report on

Industrial Visit – ISRO Space Applications Centre (SAC)

Department: ME Cyber Security

Institute: GTU School of Engineering and Technology

Organization Visited: Space Applications Centre, ISRO

Date of Visit: 11 May 2026

Location: Ahmedabad, Gujarat

Participants: 19 Students and 2 Faculty Members

Coordinator: Dr. Dipak Dabhi, Mrs. Anamika Mittal

Introduction

An industrial visit to the Space Applications Centre was organized for the students of ME Cyber Security to provide practical exposure to advanced technologies and real-world cybersecurity applications used in the space and research domain. The visit aimed to bridge the gap between academic learning and industry practices by allowing students to interact with experts and observe highly secure technological environments.

Coordination and Guidance

The department sincerely acknowledges the support and coordination provided by the officials and technical experts of the Space Applications Centre for successfully organizing the visit.

Special thanks to:

- **Shri D. K. Patel Sir** – In-charge of the Cyber Security Team, for his valuable guidance, motivation, and insightful interaction with the students.
 - **Mr. Yogesh Varma** – For coordinating and scheduling the industrial visit successfully.
 - **Mr. Rohit Tyagi Sir** – Scientist and technical expert, for explaining various cybersecurity operations, secure systems, and advanced technological practices.
 - Other technical team members and scientists who interacted with the students and shared their expertise and professional experiences.
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Objectives of the Visit

- To understand the role of cybersecurity in space and research organizations.
 - To gain knowledge about secure Data Center infrastructure and operations.
 - To explore advanced security systems and monitoring practices.
 - To understand applications and technologies used in the PLASIV Lab.
 - To interact with cybersecurity professionals and industry experts.
 - To motivate students towards research, innovation, and career opportunities in cybersecurity.
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Activities Conducted During the Visit

1. Data Center Infrastructure

Students explored the advanced Data Center setup and learned about:

- Server management and infrastructure security.
- Network monitoring and secure communication systems.
- Backup, redundancy, and disaster recovery mechanisms.
- Access control and physical security measures.
- Real-time monitoring systems used in critical environments.

The session provided practical understanding of how large-scale secure infrastructures are maintained in high-security organizations.

2. Cyber Security Practices and Secure Systems

Experts explained the importance of cybersecurity in protecting sensitive space and research data. Students gained insights into:

- Cyber threat monitoring and prevention techniques.
- Secure system architecture and layered security approaches.
- Authentication and access management practices.
- Security policies followed in critical government organizations.
- Incident handling and risk management strategies.

The discussion helped students understand the significance of cybersecurity in national-level technological operations.



3. PLASIV Lab Exposure

Students also visited the PLASIV Lab, where they observed technologies and systems related to critical applications. The session highlighted:

- Specialized systems used for secure operations.
- Research and innovation activities.
- Advanced technological applications in mission-critical environments.
- Practical implementation of secure communication and monitoring systems.

This exposure enhanced students' understanding of how cybersecurity integrates with advanced scientific and research applications.

Interaction Session

An interactive session was conducted with the Cyber Security Department Head, scientists, and technical experts. The experts encouraged students to:

- Develop strong practical and research-oriented skills.
- Focus on emerging cybersecurity technologies and trends.
- Explore opportunities in cyber defense, digital security, and secure infrastructure management.
- Participate in innovation and continuous learning activities.

The interaction was highly motivating and provided valuable career guidance and industry insights to the students.

Learning Outcomes

The industrial visit helped students:

- Gain practical exposure to real-world cybersecurity infrastructure.
 - Understand secure operations in critical organizations.
 - Learn about advanced Data Center and security management practices.
 - Explore the importance of cybersecurity in space and research sectors.
 - Enhance their technical and professional understanding of emerging cybersecurity domains.
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Conclusion

The industrial visit to the Space Applications Centre was highly informative and beneficial for the ME Cyber Security students. The visit provided excellent exposure to advanced technologies, cybersecurity practices, secure systems, and research-oriented environments. The interaction with experts and practical observations significantly enhanced students' knowledge and motivated them towards future opportunities in the cybersecurity domain.

The department expresses sincere gratitude to Shri D. K. Patel Sir, Mr. Yogesh Varma, Mr. Rohit Tyagi Sir, and all scientists and technical team members of the Space Applications Centre for their valuable support, coordination, guidance, and encouragement during the visit.

Special thanks are also extended to Dr. Gautam Makwana, Head of Department, and Dr. Madhuri Bhavsar Madam, Director, for continuously encouraging students and supporting such industrial and technical visits that enhance practical knowledge, industry exposure, and professional development in the field of cybersecurity.

Gujarat Technological University

School of Engineering and Technology

ISRO Industrial Visit (08-05-2026)

List of Intersted Students for ISRO Vsit from ME Cyber Security (2nd Semester)

Sr.No	Enrollment Number	Name:	Signature
1	251370759002	Palak Chandrakant Chitte	
2	251370759004	Darji Dhirali Sanjaykumar	
3	251370759005	Yash Darji	
4	251370759006	Aditi Rajul Dave	
5	251370759009	Gandhi Utsav Ramchandra	
6	251370759012	Maheta Het Kirtikumar	
7	251370759014	PATEL DHRUV JAYESHKUMAR	AB
8	251370759015	Patel Diya Mukeshchandra	
9	251370759016	Patel Hevinkumar Jayeshbhai	AB
10	251370759018	Nancy Patel	
11	251370759019	Patel Yash	
12	251370759022	Honey Prajapati	
13	251370759026	RAVI BHARDWAJ	
14	251370759027	SHAH AASTHA BHARAT KUMAR	Aastha
15	251370759029	Jyot Suthar	AB
16	251370759031	Upadhyay Maharshi	
17	251370759033	YADAV DHRUVIL SUKHDEV BHAI	
18	251370759034	Jadeja Suryadeepsinh Pradyumansinh	
19	251370759036	Deval Zala	
20	251370759011	Khasiya Jaydip	
21	251370759008	Gadhavi sanjaydan j	
22	251370759001	Aadi k salot	
23	520	Dipak Dabhi (Faculty)	
24	518	Anamika Mittal (Faculty)	
25	6144	Vishal Patel (Faculty)	AB
26	453	Gautam Makwana (Faculty)	AB



Submission of Student & Faculty List for Industrial Visit on 8 May 2026 (Afternoon Session)

Yogesh Verma <yogeshverma@sac.isro.gov.in>

Thu, May 7, 2026 at 3:51 PM

To: "Dr. Dipak Dabhi" <ap_dipak_dabhi@gtu.edu.in>

Cc: Ajay Kumar Sharma <shaks@sac.isro.gov.in>, Darshankumar Kirtibhai Patel <dk@sac.isro.gov.in>

Dear Sir.

Greetings !

As discussed, **approval from the competent authority have been obtained** for your visit.

Date/Time: May 8, 2026 (Friday) from 13:30h - 16:00h.

Kindly ask all students to carry their ID-Cards (mentioning enrollment No, as per list submitted by you) **and faculty members** (Office ID-cards) for smooth entry.

Any electronic device/ mobile/ gadgets, etc. are **NOT allowed inside office premise.**

सादर / Regards,

योगेश वर्मा / Yogesh Verma

वैज्ञानिक/अभियंता- 'एसजी'/Sci./Engr-'SG'

प्रधान, साइबर सुरक्षा और नेटवर्क प्रभाग (सी.एस.एन.डी.)

Head, Cyber Security and Networks Division (CSND)

सी.एस.आई.जी. / सी.आई.टी.ए.(CSIG/CITA)

अंतरिक्ष उपयोग केंद्र (इसरो) / Space Applications Centre (ISRO)

अंतरिक्ष विभाग, भारत सरकार / Dept. of Space, Govt. of India

अहमदाबाद / Ahmedabad

संपर्क नं. / Contact No.(0): 3127

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