

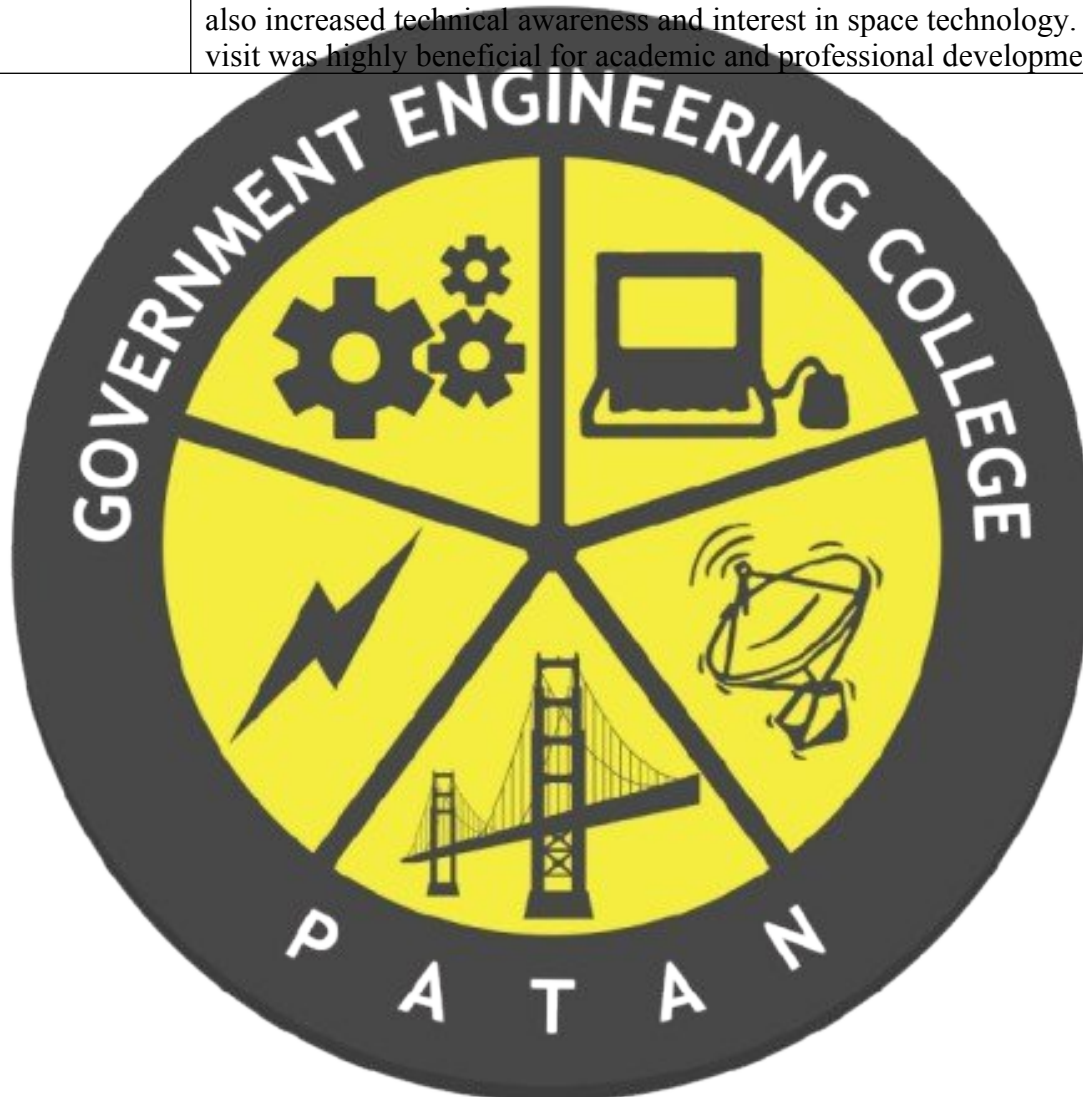
Government Engineering College, Patan
Electronics & Communication Engineering Department

Event Report

Title	Industrial Visit, VSSE (ISRO)
Date and Time	26/02/2026
Mode of Conduct	Offline Mode
Venue	Vikram Sarabhai Space Exhibition, ISRO Ahmedabad
Expert Details	Not Applicable
Organized By	EC Engineering Department, GEC Patan
Objective	<p>The main objectives for the Industrial Visit at VSSE were :</p> <ul style="list-style-type: none"> • To gain practical exposure to space science and technology beyond classroom learning, particularly in the domain of satellite systems and space missions. • To understand the contributions of Vikram Sarabhai and the development of India's space program through Indian Space Research Organisation (ISRO). • To study the working principles of satellites, launch vehicles, and communication systems through real models and exhibits. • To observe real-life applications of electronics and communication engineering in space technology systems.
Description	<p>An industrial visit to the Vikram Sarabhai Space Exhibition, Ahmedabad, was organized on 26th February 2026 for a group of 60 students. The visit aimed to provide practical exposure to space science and technology, complementing classroom learning.</p> <p>The visit began with an orientation session where students were introduced to the development of India's space program under the guidance of Vikram Sarabhai and the remarkable achievements of the Indian Space Research Organisation (ISRO).</p> <p>Students explored various exhibits displaying models of satellites, launch vehicles such as PSLV and GSLV, and communication systems. One of the key highlights of the visit was learning about NavIC (Navigation with Indian Constellation), India's regional navigation satellite system. Students understood how NavIC provides accurate positioning services over India and surrounding regions, and how it is used in applications like navigation, disaster management, tracking, and defense systems.</p> <p>The exhibition also showcased a timeline of major Indian space missions such as Chandrayaan, Mangalyaan, and Aditya-L1, giving students a clear understanding of India's progress in space exploration. Interactive sessions and expert explanations helped students grasp important concepts like satellite communication, orbital mechanics, and rocket propulsion.</p> <p>Overall, the visit was highly informative and engaging. It successfully connected theoretical knowledge with practical applications, enhanced technical understanding, and inspired students to explore future opportunities in space science and engineering.</p>
Participants	<ul style="list-style-type: none"> • Undergraduate students of the Electronics and Communication Engineering Department (Total: <u>60</u>) • Faculty members of the institute (Total: <u>2</u>)
Outcomes	<ul style="list-style-type: none"> • Students gained a clear understanding of space technology concepts such as satellite systems, launch vehicles, and communication mechanisms through real models and demonstrations. • Complex theoretical topics like orbital motion, rocket propulsion, and remote sensing became easier to comprehend through visual exhibits

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	<p>and expert explanations.</p> <ul style="list-style-type: none">• Students observed the practical implementation of electronics and communication engineering principles used in space missions and satellite operations.• The interactive sessions and exhibits generated curiosity and interest among students in the field of space science and advanced technologies.
Conclusion	<p>The industrial visit to the Vikram Sarabhai Space Exhibition on 26th February 2026 was an informative and enriching experience for all 60 students. It provided practical exposure to space science and enhanced understanding of theoretical concepts. Students gained insights into the achievements of the Indian Space Research Organisation (ISRO) and the contributions of Vikram Sarabhai. The visit helped bridge the gap between theory and real-world applications. It also increased technical awareness and interest in space technology. Overall, the visit was highly beneficial for academic and professional development.</p>



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Photographs



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