



Sarvajani University
Sarvajani College of Engineering & Technology
Master of Computer Applications Department



Date: 12-Mar-2025

Report on "Industrial Visit at INFLIBNET Centre & Science City"

Without change there is no innovation, creativity, or incentive for improvement. We, the team at MCA department, are continuously striving & succeeding in arranging visits to places where technology has reached the excellence. This year the visit was planned & arranged at INFLIBNET Centre Gandhinagar and Robotics Gallery at Science City for our MCA I Sem 2 students. The visit aimed at exposing the participants to advancements in technology, digital libraries, and ecological conservation practices.

The details of the visit are as follows:

Date:	6 th March to 8 th March 2025
Coordinated by:	Dr. Prashant Keswani, Dr. Mayank Jain
Accompanied by:	Dr. Mayank Jain, Ms. Tejal Surati, Mr. Kirit Limbachiya
No of Students:	51 Students (MCA I, Sem 2)
Itinerary:	<p>06th March 2025 (Thursday):</p> <ul style="list-style-type: none">• 04:15 AM: Departure from SCET to Ahmedabad by Bus.• 11:00 AM: Arrival at Science City, Ahmedabad.• 11:15 AM - 1:30 PM: Visit to the Robotics Gallery at Science City (Roboseum).• 01:30 PM: Departure from Science City to INFLIBNET Centre, Gandhinagar.• 02:30 PM - 05:30 PM: Visit to INFLIBNET Centre, Gandhinagar.• 06:00 PM: Departure from INFLIBNET Centre to Polo Forest Campsite. <p>07th March 2025 (Friday):</p> <ul style="list-style-type: none">• 08:30 AM: Trek to Hill from Polo Forest Campsite.• 04:00 PM: Sunset view to near Dharoi Dam.• 07:30 PM: Departure from Polo Forest Campsite to Surat. <p>08th March 2025 (Saturday):</p> <ul style="list-style-type: none">• 07:00 AM: Arrival at Surat by Bus.

Upon arriving at Science City, Ahmedabad, we were introduced to the Robotics Gallery (Roboseum), which is a key exhibit showcasing various robots and their applications. The gallery featured a variety of robots used in different fields, including industrial, medical, and

entertainment sectors. Students observed different types of robots including humanoid robots, robotic arms used in industrial automation, and AI-driven robots. The importance of robotics in fields such as manufacturing, healthcare, and space exploration was emphasized. This visit provided valuable insight into the future of robotics and its integration into various industries, showcasing the potential of automation and artificial intelligence.

After departing Science City, we arrived at the INFLIBNET Centre in Gandhinagar, which is dedicated to the development of digital libraries and information resources for research and academic institutions. The centre supports institutions across India by providing access to scholarly resources, digitized content, and digital libraries. We were briefed on their mission to enhance educational and research outcomes through digital platforms.

We attended a session conducted by Scientist Shri Manoj Kumar K Sir, who discussed recent technologies in networking, the use of Artificial Intelligence (AI), data management, and its impact on digital information systems. Manoj Sir also shared valuable insights into the career opportunities at INFLIBNET, specifically in the fields of networking, data management, and AI. He emphasized the growing demand for skilled professionals in these areas and how INFLIBNET offers a platform for career growth, research and development in the digital and technological domains.

During the visit, we toured the INFLIBNET campus, including its data centre. We saw how the centre manages vast amounts of academic data and facilitates access to digital resources across the country. The data centre's infrastructure incorporates cutting-edge technologies such as cloud computing and advanced networking solutions.

The visit provided us with a deep understanding of AI, networking, and how digital libraries operate. The career insights shared by Scientist Manoj Sir were incredibly valuable, opening our eyes to potential career paths and the skills needed to excel in these fields.

After completing our visit to INFLIBNET, we proceeded to the Polo Forest Campsite, a serene destination known for its natural beauty and ecological importance. The campsite provided an excellent opportunity to engage in outdoor activities and learn about environmental conservation. In the night of 6th March, students engaged in stargazing activities, where we were introduced to constellations and the significance of celestial bodies. We learned about the stars and their importance in different cultures. This activity sparked a sense of wonder and curiosity about the universe.

On 7th March, we went on a trek to Hill, where we witnessed breath-taking views of the forest and learned about the importance of preserving natural landscapes. We participated in **positive energy exercises** designed to help boost mental well-being and connect with nature. These exercises helped us feel rejuvenated and mentally prepared for the activities ahead.

In the evening, we visited Dharoi Dam, where we observed the tranquil waters and felt the positive energy that water bodies impart. The visit helped us understand the significance of water in sustaining life and how essential it is to protect our natural water resources.

The Polo Forest experience was not just about exploring nature, but also about **personal growth**. Through activities like stargazing, trekking, and visits to natural water bodies, we learned to appreciate the environment, connect with nature, and recognize the importance of conservation efforts.

"An industrial visit is not just a journey through factories and plants, but a pathway to learning, discovery, and inspiration."

Some Glimpses of Visit:





Press Note:

સ્કેટ કોલેજના વિદ્યાર્થીઓ રોબોટિક્સ ગેલેરીની મુલાકાતે



સાર્વજનિક કોલેજ ઓફ એન્જિનિયરિંગ એન્ડ ટેકનોલોજી (સ્કેટ) નાં એમસીએ વિભાગનાં પહેલાં વર્ષનાં વિદ્યાર્થીઓએ તેમનાં ફેકલ્ટી સાથે મળીને ગાંધીનગરના ઇનફ્લીબનેટ સેન્ટર અને અમદાવાદની રોબોટિક્સ ગેલેરીની મુલાકાત લીધી હતી. આ શૈક્ષણિક પ્રવાસ દરમિયાન ઇનફ્લીબનેટ

સેન્ટરમાં વિદ્યાર્થીઓને વિવિધ લાયબ્રેરી સર્વિસીસ, આઈસીટી ઇન્ફ્રાસ્ટ્રક્ચર, ડેટાબેઝ મેનેજમેન્ટ, કોમ્યુનિકેશન વિશે માહિતગાર કરવામાં આવ્યાં અને ચેટજીપીટી જેવાં એઆઈ ટૂલ્સનો સદુપયોગ અભ્યાસાર્થે અને સંશોધનમાં કેવી રીતે કરી શકાય તેની ઊંડાણપૂર્વક સમજણ આપવામાં આવી હતી. રોબોટિક્સ ગેલેરીમાં દવા, કૃષિ, અવકાશ સંશોધન, સંરક્ષણ અને રોજિંદા જીવનમાં પણ વિવિધ ક્ષેત્રોમાં રોબોટ્સના વ્યવહારુ ઉપયોગ કમ્પ્યુટર વિજ્ઞાન, ઇમેજ અને વિડીયો પ્રોસેસીંગની મદદથી કરી શકાય એની જાણકારી વિદ્યાર્થીઓને આપી હતી. આ શૈક્ષણિક પ્રવાસનો મુખ્ય હેતુ વિદ્યાર્થીઓને નેશનલ લેવલ પર એડવાન્સ લાયબ્રેરી ઓટોમેટેશન, ડિજિટલ લાયબ્રેરી સર્વિસીસ, નેટવર્ક સિસ્ટમ, AI માં કોમ્પ્યુટર એપ્લિકેશનનું મહત્વ સમજાવાનો હતો.

Sandesh - 08-03-2025

Social Media:



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Report Compiled By Dr. Prashant Keswani and Dr. Mayank Jain