



**Gandhinagar Institute of Technology**  
**Computer Engineering & Information Technology Department**  
A Report on  
“Visit to IIT Gandhinagar”  
(24<sup>th</sup> November 2022)

**Objective:**

The objective of this visit was to make the students aware about the opportunities offered by the premium institutes like IITs. Students may explore numerous facilities at IIT. Some of them may be like supercomputing, guidance from the professors of IIT and turning their idea into project in CCL and Maker Bhavan.

**About Visit:**

This visit provided a valuable platform to both students as well as IIT Gandhinagar to exchange their information. Two Faculty members, Dr. Nisha Khurana and Prof. Dhaval Vaza, and 56 students from Sem-3 of Computer Engineering and Information Technology Department and Sem-1 of B.Sc. IT visited the IIT.

**Structure of the Visit:**

**Time: 09:00 am to 3:00 pm**

Students were first explored to the supercomputing facility available at the Institute. The In charge present there explained everything about supercomputers. He discussed about the configuration, its processing capacity, storage capacity. He also explained that how the supercomputing facility may be accessed by the outsiders. All the students were divided into two groups. The interaction ended with Question/Answer session.

In the next session, the students were given a brief about the faculty members available at the Institute who may guide the students in case they have a very good research idea to work upon. Students were explained various domains in which they may be guided by the IIT professors. Students were also explained about the Gandhipedia. Two IITs and the National Council of Science Museums (NCSM) have joined hands to develop Gandhipedia, an online repository of books, letters and speeches written by Mahatma Gandhi, to commemorate his 150th birth anniversary. The entire project has been done with the help of Artificial Intelligence (AI).

In the next session, students were taken to Maker Bhavan where they have various facilities like 3D Printers, CNC machines etc. The idea is to promote the active learning among students. Central goal is to foster experiential learning, design thinking, creativity and innovation among students.

In the last session, visit headed to Centre for Creative Learning (CCL) where students were demonstrated with various projects and the logic behind them. It is a space that nurtures a scientific temper and inherent creativity in students and teachers. 1000+ models have been created and 100+ workshops have been conducted by the CCL. All the projects were displayed over there.

All the sessions were very interesting and full of knowledge.

## Glimpses of the Visit



Visit to Maker Bhavan



Explanation of Supercomputing Facility



Session by IIT Professor



Session at CCL



Students exploring Projects at CCL