A.Y. Dadabhai Technical Institute, Kosamba

Managed By: The Suratee Sunni Vohra Muslim Education Society, Surat

Industrial Visit -2025

Organised By:

Computer EngineeringDepartment

NBA Accredited Program

Place of Visit: BISAG-N , Gandhinagar

Date of Visit: 24th September 2025

No. of Students: 42

Faculty Members: 06

Industrial Visit Report

Introduction
- An industrial visit was organized by the Computer Engineering Department of A.Y. Dadabhai Technical Institute, Kosamba for the 5th Semester students to BISAG-N, Gandhinagar on 24th September, 2025.
- The main objective of this visit was to provide students with exposure to the latest technologies in Satellite Communication, Remote Sensing, Geo-informatics, and IT-enabled services used at the national level.

Objectives of the Visit
- To understand the functioning of BISAG-N and its role in space applications and geo-informatics.
- To gain insights into satellite communication technologies and GIS-based applications.
- To observe the use of remote sensing data for planning and development projects.
- To connect classroom learning with real-time applications in IT and computer engineering.
- To motivate students towards research and innovation in the field of computer science and space technology.

Activities During the Visit
- A presentation was given by the BISAG-N officials highlighting their objectives, projects, and achievements.
- Students visited the Data Centre and Control Room, where they observed live satellite communication operations.
- Demonstrations on GIS (Geographic Information System) applications, remote sensing technology, and broadcasting facilities were provided.
- Interaction sessions were arranged where students asked queries related to data processing, software development, and research opportunities.

Learning Outcomes
- Students understood the practical applications of computer engineering in space technology, geo-informatics, and satellite communication.
- They learned how real-time data analysis and visualization tools are used in national projects.
- The visit enhanced their knowledge about career opportunities in research organizations like BISAG-N, ISRO, and other IT domains.
- The session helped bridge the gap between theoretical knowledge and practical exposure.

Conclusion
- The industrial visit to BISAG-N, Gandhinagar was a highly informative and enriching experience for the students. It provided them with a first-hand understanding of space applications, remote sensing, and IT-enabled services. The visit inspired the students to explore innovative applications of computer engineering in national development projects.
- The department extends sincere gratitude to BISAG-N authorities for their warm hospitality and guidance, as well as to the management of A.Y. Dadabhai Technical Institute, Kosamba for organizing this successful visit.

Industrial Visit Gallery

Expert talks on GIS applications, remote sensing technology, and broadcasting

Group Photo @ BISAG - N

Data Centre and Control Room