GOVERNMENT ENGINNERING COLLEGE, PATAN

ELECTRONICS & COMMUNICATION DEPARTMENT

REPORT

ON

" INDUSTRIAL VISIT TO BISAG-N"

ON

14th OCTOBER 2025

AT

BISAG-N, GANDHINAGAR, GUJARAT

Details of visit

Students of GEC Patan who attended the visit

1.) Garima raj	7.) katyayini Trivedi
2.) Ishika dave	8.) Pankti patel
3.) Saryu Jaiswal	9.) Pranjal patel
4.) Arya santoki	10.) Het patel
5.) Darshna Chaudhary	11.) Ranjit singh
6.) Suhit patel	12.) Adraniya jignesh

The students of the Electronics & Communication Engineering Department of Government Engineering College, Patan visited BISAG-N, Gandhinagar on 14th October 2025. The visit began in the introduction room, where the BISAG-N team explained the institute's purpose, major projects, and its role in satellite communication, GIS, and remote sensing for national development.

After the introduction session, students were taken to the live broadcasting studio. Here, experts demonstrated how government educational programs are recorded and telecast through satellite networks. Students saw the functioning of cameras, mixers, control panels, and understood how real-time communication and telecasting systems operate.

Next, the students were guided to the technical sections, where they learned about satellite image processing, GIS mapping, 3D terrain models, and various geo-informatics applications. The team showed how satellite data is used for agriculture monitoring, disaster management, land mapping, water resource planning, and smart city projects. They also gave insights into BISAG-N's software development work and the use of AI and data analytics in geospatial solutions.

The visit helped students relate their classroom learning to real-world technologies. It provided valuable exposure to communication systems, broadcasting, remote sensing, and government-level ICT applications. Overall, the BISAG-N industrial visit was highly informative, well-organized, and beneficial for all students.

Glimpses of the Event