



CSMSS

CHH. SHAHU COLLEGE OF ENGINEERING

Kanchanwadi, Paithan Road, Chhatrapati Sambhajinagar(Aurangabad) 431 011 (M.S)

Department of Electronics and Communication

(Advanced Communication Technology)



**REPORT OF
INDUSTRIAL VISIT
At "SAROLA WIRELESS STATION"**

Date: 27/11/2024

Time: 09:50 AM to 04:10 PM

Goal: To provide practical exposure to second-year students of Electronics and Communication (Advanced Communication Technology) through an industrial visit.

Objective: To enhance student's understanding of real-world communication systems and equipment used in the industry.

Benefits:

- Students gained firsthand experience in observing the functionality of a wireless station.
- Enhanced knowledge of base stations, various types of antennas, transmitters, receivers, modems, and repeaters.
- Practical demonstration of station equipment reinforced theoretical concepts.
- Interaction with professionals provided insights into the working and maintenance of communication systems.
- Exposure to the operational aspects of a wireless station enriched technical knowledge and industry readiness.

About Event:

- The industrial visit was conducted on 27 November 2024 for second-year students of the Electronics and Communication (Advanced Communication Technology) Department.
- A total of 37 students participated, accompanied by three faculty members: V. L. Nagre, A. G. Gaikwad, and Ashwinee Yadav.
- The visit was organized under the expert guidance of Dr. Sumera Ali along with S. H. Jadhav and S. R. Kadam working in organizing team.
- The location of the visit was the wireless station at Sarola, where students observed and learned about advanced communication technologies.
- Students were introduced to the working of base stations and various components such as antennas, transmitters, receivers, modems, and repeaters.
- A practical demonstration of station equipment provided deeper insights into wireless communication systems.
- API Chitra Patil and PI Chitle played a pivotal role in arranging permissions and accompanying the students during the visit. They also provided information about Sarola and the functioning of the station.

Glimpses of the Event



HoD, E&C (ACT)

Principal