



Hope Foundation's

International Institute of Information Technology (I²IT)

Hinjawadi, Pune- 411057

**Department of Electronics & Telecommunication
Activity Report**

“Industrial Visit at BSNL,Chinchwad”

Academic Year: 2023-24

Semester: I

Name of Event: Industrial Visit

Date of Conduction: 26/10/2023

Targeted Audience: SE E&TC

Number of Participants:11

Address of the Industry/Organization: BSNL,Chinchwad, Pune

Contact Details of Industry/Organization person name: Mr. Kailas Bendre

Coordinator: Prof. Ashvini N. Kulkarni

Objectives :

- 1) Evaluate the performance levels (Signal-to-Noise Ratio) of AM, FM and PM systems in the presence of additive white noise.
- 2) Convert analog signals to digital format and describe Pulse and digital Modulation techniques.
- 3)To get real-time application implementation of analog and digital communication

Outcomes: 1) Understand and identify the fundamental concepts and various components of analog communication systems.

2) Explain signal to noise ratio, noise figure and noise temperature for single and cascaded stages in a communication system.

3) Develop the ability to compare and contrast the strengths and weaknesses of various communication systems.

Activity Description:

SE, E & TC students have participated in this BSNL, Chinchwad Pune in where the students have given BSNL landline telephone exchange broadcasting station in Chinchwad, west of Pune, Maharashtra.

Event Photos:



Image 1: BSNL Engineers, IT students & Faculty



Image 2: BSNL Engineers, IIT students & Faculty



Image 3: IIT students exploring different sections in BSNL

Prof. Ashvini N. Kulkarni
IV Coordinator

Dr. S. M. M. Naidu
Head of Department