



Hope Foundation's

International Institute of Information Technology (I²IT)

Hinjawadi, Pune- 411057

**Department of Electronics & Telecommunication
Activity Report**

“Industrial Visit at CSIR-CCMB,Hydrabad”

Academic Year: 2023-24

Semester: II

Name of Event: Industrial Visit

Date of Conduction: 16/03/2022

Targeted Audience: BE E&TC Students

Number of Participants:03

Address of the Industry/Organization: CSIR-CCMB,Hydrabad

Contact Details of Industry/Organization person name: CSIR-CCMB,Hydrabad

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:

BE,TE E & TC students have participated in this **CSIR-CCMB,Hydrabad** .This visit explored the students for communication techniques research and applications discussed in latest technology trends.

Event Photos:



Image 1: CSIR Engineers,I²IT students & Faculty



Image 2: CSIR-CSMB Engineers,I²IT students & Faculty



Image 3: I²IT students exploring different sections in CCMB