

“Industrial Visit at All India Radio (HPT), Hadapsar”

Academic Year: 2021-22

Name of Event: Industrial Visit

Date of Conduction: 16/03/2022

Address of the Industry/Organization: All India Radio, HPT Hadapsar, Pune

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

Targeted Audience: SE E&TC, TE E&TC Students

Number of Participants: 27

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, TE E&TC students have participated in Industrial Visit to All India Radio at Hadapsar Pune in where the students got an opportunity to visit All India Radio (Akashvani) Mediumwave Radio broadcasting station in Hadapsar, east of Pune, Maharashtra. This visit explored the students for analog and digital communication techniques applications discussed in AM, FM channels and broadcasting scenarios. All India Radio, officially known since 1957 as Akashvani, is the national public radio broadcaster of India and is a division of Prasar Bharati. It was established in 1936. It is the sister service of Prasar Bharati's Doordarshan, an Indian television broadcaster

Event Photos:



Image 1: All India Radio HPT, Hapadsar Engineers, I²IT students & Faculty

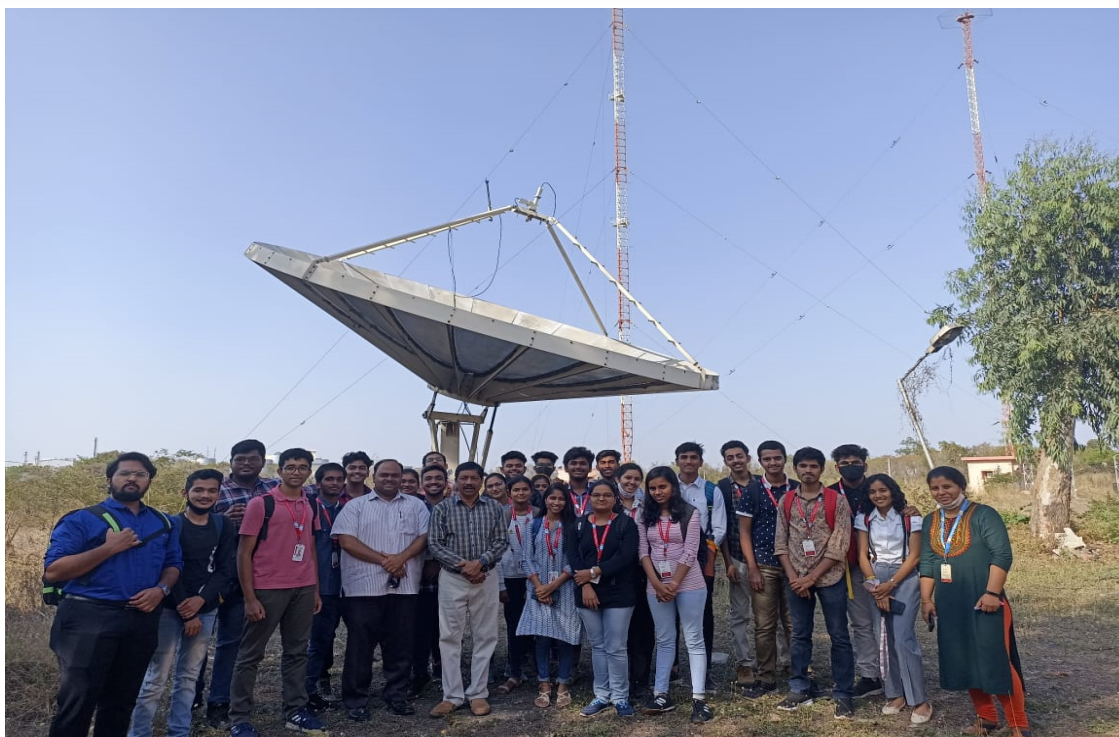


Image 2: All India Radio HPT, Hapadsar Engineers, I²IT students & Faculty



Image 3: I²IT students exploring different sections in AIR