

Date: 27.02.2020

Submitted,

Sub: Report on Industrial Visit-All India Radio, Coimbatore – Reg.

A batch of 21 students from 6th semester ECE and two staff coordinators Prof.Halesha and Prof. N. Santhosh Kumar had accompanied for the visit to **All India Radio, Coimbatore (AIRC) on 21st February 2020.**The various areas visited were **Music Studio, Announcer Studio, FM Studio, Main Control Unit & Transmission System.**

On Thursday 20th night by 10.00 pm, we the staff & students started from college campus with the permission of our beloved principal Dr.B.Shadaksharappa & our management representative Dr.R.Arun Kumar & head of the department Prof.C.Sivaprakash by private vehicle. We reached Coimbatore at 5.30 am on 21-02-2020-Friday.The students got refreshed arranged in private hotel at Coimbatore. All necessary accommodations and arrangements were arranged by the student coordinators.

The students were received from the main gate of AIRC Campus. Then divided into two batches to AIR Studio for the demonstration about the live programmes for 30 minutes. The students were learnt the overall studio setup components required for the modulation. Mr.C.Ayyappan, Asst.Engineer, initially addressed the students about the operations done at AIRC.

He took them to music studio and explained how the audio signal is converted to suitable form and studio setup with reflector, absorber and the functioning of the same. Later they have been taken to Announcing studio & control room, where telecasting takes place. Then they visited FM Studio and visualized the difference between AM & FM transmission. Finally the students were taken to Transmission centre & seen various types of antennas & understood how transmission is done via the antennas.

Mr.Wilson, Asst.Engineer, took them to AIRC Campus & demonstrated about the polarization of antennas via Dish and parabolic antenna. During the visit, the students were able to see lively the transmission process through media waves & clarified their doubts through interaction with the accompanying engineers by AIRC. The visit ended by giving thanks to Mrs.Meenakshi-Depty engineer and the duty engineers during the visit.

The industrial trip was highly worth for the students in terms of practical knowledge about the way of communication and transmission through antennas. Such visits are needed in future too to gain more practical knowledge& awareness about the industries.

IV Coordinator

Head of the Department

Photos of Industrial Visit to All India Radio, Coimbatore on 21-02-2020

