



**ADHI COLLEGE OF ENGINEERING & TECHNOLOGY  
CHENNAI – 631 605**



### **INDUSTRIAL VISIT TO AIR CHENNAI**

ECE Secondyearstudents have visited the All India Radio (AIR) industry at Mylapore on 12<sup>th</sup> July 2018. Ms. Athia Farheen, and Ms. Sudha, Assistant Professor(S) have coordinated the industrial visit. We have like to extend our thesaurus to our management for giving this great opportunity to visit the All India Radio, Mylapore, Chennai.

#### **INDUSTRY PROFILE:**

All India Radio (AIR) provide information, education and entertainment, for promoting thewelfare and happiness of the masses.Present a fair and balanced flow of information of national, regional, local and international interest, including contrasting views, without advocating any opinion or ideology of its own.Produce and transmit programmes relating to developmental activities in all their facets including extension work in agriculture, education, health and family welfare and science & technology.AIR today has a network of 229 broadcasting centres with 148 medium frequency (MW), 54 high frequency (SW) and 168 FM transmitters. The coverage is 91.79% of the area, serving 99.14% of the people in the largest democracy of the world. AIR covers 24 Languages and 146 dialects in home services. In external services, it covers 27 languages; 17 national and 10 foreign languages.

#### **TOPICS DISCUSSED:**

The security officer Mr. Harishhas welcomed the students and Technical head officer of All India Radio has briefly explained about the Frequency broadcasting system. The following informative topics have discussed during the industrial visit.

- Frequency variation
- Digital transmission AIR
- Channels in AIR, FM Antenna system
- Types of mikes for recording
- Types of modulation techniques (QPSK , BPSK , QAM etc..)
- Bandwidth Allocation
- Coding Techniques (Error Control Codes )

### STUDENTS FEEDBACK:

The industrial visit has used to know about the frequency variations from place to place, digital transmission in the FM and the FM channels present in the All India Radio through live streaming.

### Photo Gallery



Group Photo - ECE Second year students have visited the All India Radio (AIR) industry at Chennai on 12<sup>th</sup> July 2018.