

## **Dept. of Electronics and Communication Engineering**

### **A Report on Industrial Visit of IV year ECE Students to All India Radio**

The Final year Students of ECE went for an Industrial Visit to ALL India Radio (AIR), @ Thirumullaivoyal on **25<sup>th</sup> July 2013.**

The No. of students were 36 and they were been accompanied by 2 Staff members.

Mr. E. Madhan Kumar., Lect / ECE

Ms. P. Sarasa., Tech. Asst / ECE.

The Students and Staff left the college / University @ 10.30 AM and reached the entrance of AIR, the I.V. spot @ 11.30 AM.

The crew had to take a walk for about 1 Km and reached the AIR office and ware house @ 12.00 PM.



The Faculty and one Student met the Director General of AIR and introduced themselves and informed about the Visit and gave little informations about the University and the Dept. of ECE.

The Director General himself taken the crew to the Transmitter section of AIR and he himself explained about the important equipments in the Transmitter block. He gave more informations about the Communication of Radio signals and the inner circuit of a Transmitter block.

The transmitter block was an old trended Circuit which is being built using Valves and Coils. The students eagerly listened to the explanation of DG and answered many questions that were put by the DG based on Communications.

The main Highlight of I.V. is that, when the General demonstrated the Antennas. The Students were well aware of Antennas ( they have Subject Antenna in 6<sup>th</sup> Sem syllabus ) and when they meant to have an opportunity to have a look on the different Transmitting antennas, they become very happy and enthusiastic and put more queries to the DG and got cleared their doubts.

The DG AIR demonstrated the HALF WAVE DIPOLE antenna which was supported by 2 Towers an antenna which is fully a Radiating element. The students were more excited when they meant to see what they have learnt.



The General again showed some important Wave guides which guides the MW in space.

The overall demo ended @ 2.30 PM.



The students left the warehouse immediately and moved to the college bus and started from AIR at 3.00 PM and reached the college / University @ 3.20 PM.

The Industrial Visit was more informative for the Final year Students and also for the Staff members accompanied.