

Industrial Visits Conducted

Industrial Visit to AIR, DD, NAL, Infosys Seventh, Fifth and Third Semester

On the 13th of November 2014 an Industrial visit was organized for the Seventh semester students of Telecommunication Department. The campuses we visited are The All India Radio, Doordarshan and the Infosys campus at Electronic City.

We left the college campus at 9:30 AM and reached Doordarshan by 10:30AM. Once we arrived, we were made to be seated in a conference room where the technical staff of Doordarshan explained to us in detail about the technical details of the transmission and reception of data signals from the Base station. It was here we learnt that the Doordarshan is an Indian public service broadcaster, a division of Prasar Bharati. It is one of India's largest broadcasting organisations in terms of studio and transmitter infrastructure. Recently, it has also started broadcasting on Digital Terrestrial Transmitters. The DD provides television, radio, online and mobile services throughout metropolitan and regional India, as well as overseas through the Indian Network and Radio India. DD sports channel has provided round the clock coverage of sport events. We were also taken to a recording room where we saw all the equipment's and stages that were set up to record live telecasted cultural programs such as Dance, music performances, etc,. We were awed by the sophisticated equipment's that the campus was home to.

After lunch, we left for the All India Radio Campus. After about a 30 minute ride we reached the place. We were divided into batches of two and took turns to view the insides of the campus. As soon as we entered the campus, we were awe-struck to see how aesthetically the building was maintained. There was a lead from the side of AIR who lead us through the campus and kept telling us in detail about various aspects of transmitting and receiving their radio signals.



Names of Coordinators: Manjunath P S; Faculty – TE

Industrial Visit to CISCO

The 6th semester students were taken on an Industrial Visit to **CISCO** office in **MARATHALLI, Bangalore** on **13th April 2015**. This industrial visit gave lot of knowledge and helped to easily understand the industry standards. The speaker **Mr. VARUN** not only helped us to understand the working environment and the divisions that the telecommunication students can work in **CISCO**.

The students got the opportunity to see the entire campus especially the networks room, which helped to understand how well an enormous number of networks were managed and how exactly switching takes place. Students were able to see and understand a LAYER 2 router, which is manufactured by **CISCO**. They were also taken to a virtual room, which was used for video calling and virtual interviews in which all the high end equipment like the cameras and the screens were manufactured by them, which helps them to have a virtual meeting where people from four different countries can be video streamed simultaneously.

The speaker had explained the students the prerequisites to get placed in **CISCO** and also gave a clear picture of internship and training program offered by them. He also explained the students about the benefits of CCNA certification. This industrial visit gave the students the perfect picture of the challenges in the industries, which they may face in the coming future. Such industry knowledge helps them to know how to prepare themselves to meet the industry demands.

Students were taken to their lab set up. The technical servers are maintained such that they can be monitored and operated remotely, by an engineer in the Bangalore office as well as an engineer from the American office. Operating in the Data Link Layer, these switches allow the switching operation of multiple devices. The class was also shown the chassey, with multiple line cards, thereby acting as a multipurpose device. The highly expensive Nexus, a layer 3 switch, was the next device that the class was shown.



Faculty Co-Ordinators: Dr. B.Kanmani, M.vasantha Lakshmi, Pushpavathi.K.P, Ambika K

Students Statistics: 33

Sponsorship: TEQIP for transportation

Speaker: Mr. Varun