



AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, Permanently Affiliated to JNT University Kakinada,
ACCREDITED BY NAAC and Recognized under 2(f) & 12(b) by UGC, New Delhi.)
Tamaram, Makavarapalem, Narsipatnam Revenue Division, Visakhapatnam-531113

COLLABORATIVE INDUSTRIAL VISITS

ACADEMIC YEAR


2019-20

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

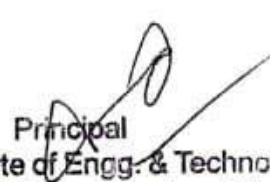
S No	Name of Collaborating Institute/Organization	Batch/Class	Date	Number of students visited
1	All India Radio AM Transmitting Station Aganampudi, Visakhapatnam	II ECE B.Tech Students	06.01.2020	70

HOD,ECE




HEAD OF THE DEPARTMENT
DEPARTMENT OF ECE
Avanthi Institute of Engg.&Tech.
Makavarapalem, Visakhapatnam Dist-531 113.


Coordinator


Principal
Avanthi Institute of Engg. & Technology
Tamaram, Makavarapalem Md.,
Visakhapatnam District, Pin-531113

REPORT ON INDUSTRIAL VISIT

Year: IInd B.Tech ECE

Date: 06-01-2020

Name of the industrial visit: ALL INDIA RADIO AM TRANSMITTING STATION, VISAKHAPATNAM

Name of the Faculty: Venkata Ramana, dhilli

EVENT DESCRIPTION: An industrial visit has been organized by department of Electronics and communication Engineering for IInd-year ECE students on 06th January 2020.

The main objective of the visit was to provide a technical exposure to the students about the allowed bandwidth limitations and channel allocation to avoid crossed talk, and frequency bands used for successful radio channels through dedicated system resources. About a Total 65 students of II-year Electronics and communication engineering visited ALL INDIA RADIO AM TRANSMITTING STATION, VISAKHAPATNAM

SESSION ACTIVITIES: The students were accompanied by 2 faculty members. The buses with students have started from our college at 09.00 AM on 6th January 2020 and reached the by Doppler ALL INDIA RADIO AM TRANSMITTING STATION, VISAKHAPATNAM at 10:45 AM.

ABOUT ALL INDIA RADIO AM TRANSMITTING STATION, VISAKHAPATNAM

All India Radio is the largest radio network in the world, and one of the largest broadcasting organisations in the world in terms of the number of languages broadcast and the spectrum of socio-economic and cultural diversity it serves. AIR's home service comprises 420 stations located across the country, reaching nearly 92% of the country's area and 99.19% of the total population. AIR originates programming in 23 languages and 179 dialects

ABOUT THE VISIT

This visit was mainly focused on to understand how the limited band for the allocation of frequencies to serves public on their demand. One of the main issue in lot of communication is the call drops and missing data packets during their transmission. And the cross talk is one of the major issue. How the resources involved in solving these technical issues can be understood by the experienced staff in the visit

OUTCOME OF THE VISIT

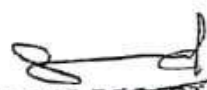
. This training gave an opportunity to learn the practical aspects of the knowledge of the field of interest, Electronics and communication And the ability to learn how the broadcasting and transmission network works through satellite communication, terrestrial communication etc and how to get to see a show in the television while sitting at home

REPORT ON INDUSTRIAL VISIT



Department of ECE

HOD


HEAD OF THE DEPARTMENT
DEPARTMENT OF ECE
Avanthi Institute of Engg. & Tech.
Makavarapalem, Visakhapatnam Dist-531 113