

Industrial Tour-2023

Organized by : Department of Electronics & Communication Engineering-I
Topic : Industrial Tour
Venue : Prasara Bharathi All India Radio, Vishakhapatnam
Date & Time : 16/03/2023 & 10:00AM TO 05:00PM
Conducted for : Students

Branch	Year	Semester	No of Students Attended
ECE	II	II	97
Total No of Students Attended			97

Report**1. Report in brief by Organizer / Coordinator / Convener:**

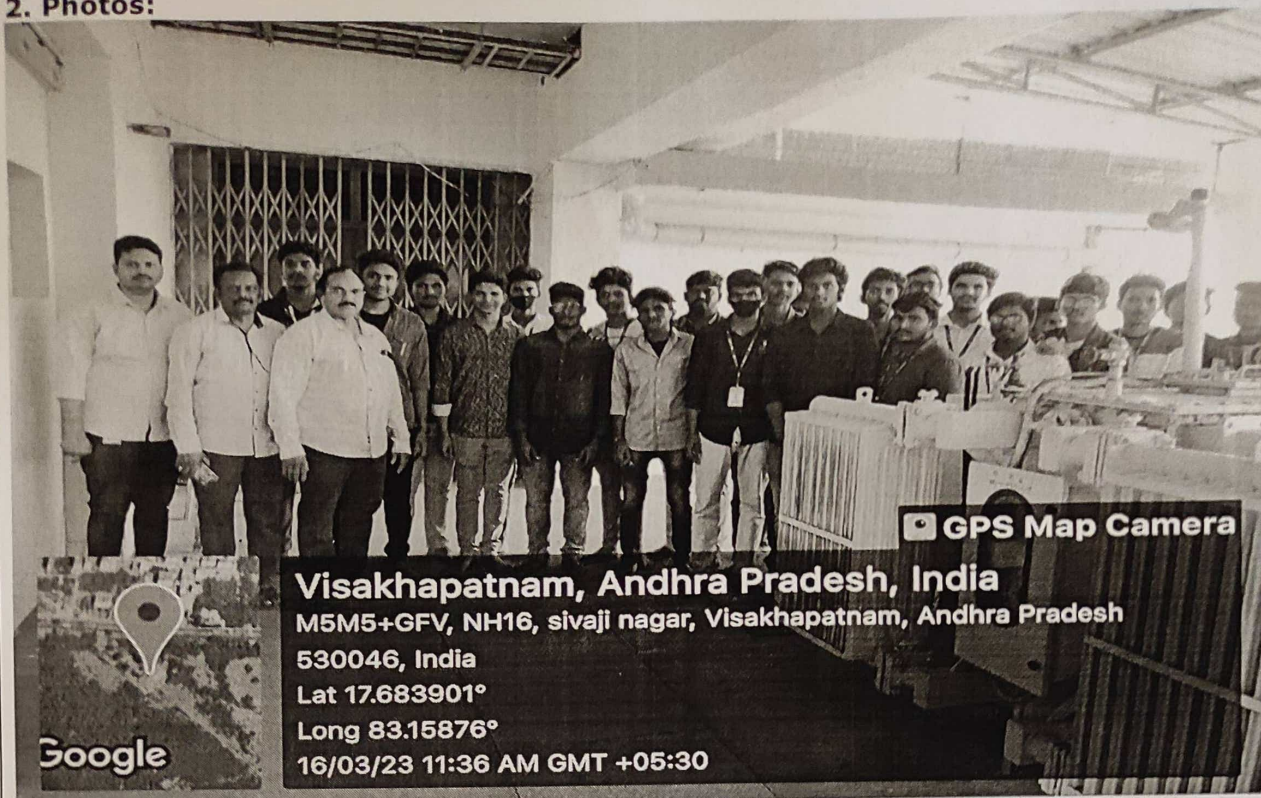
An one day industrial tour was organized for II B.Tech II Semester students of the Department of Electronics and Communication Engineering-I on 16/03/2023 to Prasara Bharathi- All India Radio , Vishakhapatnam. A total of 97 students along with 4 faculty members visited the FM transmitter at Siripuram & MW transmitter at Agnampudi.

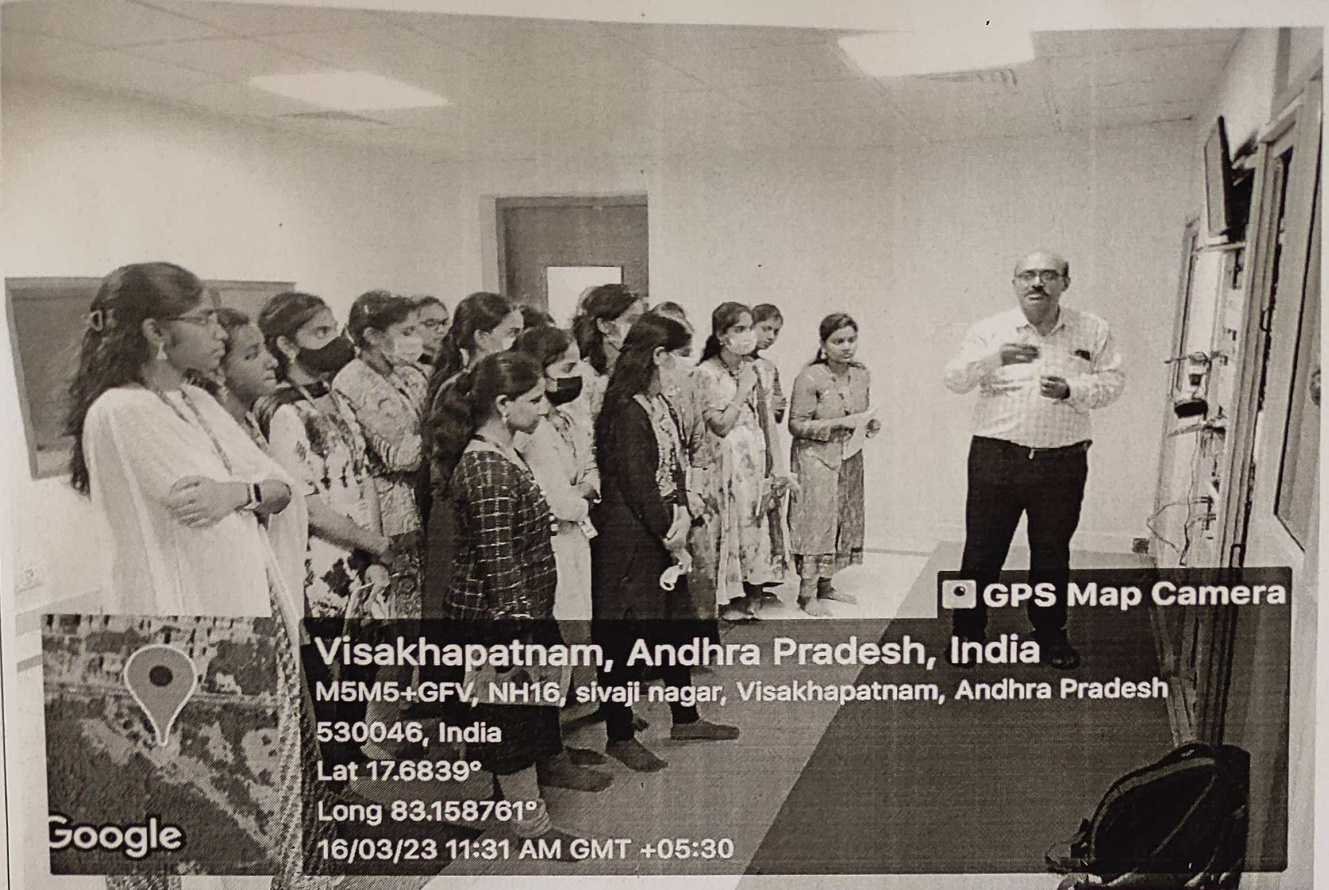
The tour commenced at 5.30 am from Aditya Academy, Kakinada and Aditya Degree College, Rajahmundry simultaneously in two buses boarding the students enroute to the destination. The students were divided into section wise such that one section were sent to Agnampudi and other section to Siripuram respectively and they were exchanged vice-versa after lunch.

At Siripuram, the students were again divided into 2 batches. First batch learnt about the how the different studios (Talk, Music, Playback) record the programs and how the programs from other stations are broadcasted. Second batch learnt about the modulation process of transmitting the data.

At Agnampudi, students learnt about how the transmitted program from Siripuram is broadcasted to the audience. The resource person explained about the concept of transmission lines and the maximum power transfer to send maximum data.

2. Photos:







3. Feedback from students:

All the students were happy for attending the industrial tour. They were enthusiastic to attend the future industrial tour also.

C. Sanyal
Coordinator/Organizer

C. Sanyal

A. Wadhwa
HOD

[Signature]
Principal



प्रसार भारती /Prasar Bharati

(भारत का लोक सेवा प्रसारक / India's Public Service Broadcaster)



आकाशवाणी : विशाखापट्टणम/ **All India Radio::Visakhapatnam**

Tele Fax: 0891 – 2562084 E-mail: airvisakhapatnam@rediffmail.com

सं/No: 11(12)/2022-23/E/IV/

दिनांक/ Date: 13.03.2023

The Head of Department
Department of Electronics & Communication Engineering
Aditya College of Engineering & Technology
Surampalem

Sub:- Permission to visit to All India Radio – reg
Ref:- Your letter dated 10.03.2023

Sir,

With reference to above, this is to state that 99 nos. of B.Tech. Students of your college are permitted to visit All India Radio installations i.e. Studios & FM Transmitter at Siripuram and 100 kW MW Transmitter at Aganampudi, Visakhapatnam on **16.03.2023**.

You may kindly instruct the following points to your students for strict compliance:

- i. Mobile phones be switched off or in silent mode during their visit to studios & transmitters.
- ii. They should avoid leaning on walls.
- iii. Taking of photos either from cameras or mobiles is prohibited in and around AIR premises.
- iv. All students should wear masks during the visit of All India Radio.

Encl: GST Invoice for Rs.35,046/-

Yours Faithfully,

(C.Subba Rao)
Deputy Director General (E)

Prasar Bharati
e-Invoicing System

B2C Billing

Invoice No : VSP-TRG/13/22-23

Bill date : 2023-03-13

Category : B2C

Payment mode : UPI

Transaction Id : UPI REF No: 343816988512

Paid On : 2023-03-13 11:23:00

Seller

GSTIN : 37AAAJP0288R1ZE

ALL INDIA RADIO

SIRIPURAM VISAKHAPATNAM

VIJAYWADA

520010

ANDHRA PRADESH

Purchaser

Aditya College of Engineering & Technology
Surampalem, East godavari district.

Items Details

S. No.	Product Description	HSN/SAC Code	Quantity	Unit	Price (Rs.)	Discount (Rs.)	Taxable Amount(Rs.)	GST (%)	Cess	Total (Rs.)
1	INDUSTRIAL VISIT BY 99 ENGINEERING STUDENT FOR 1 DAY ON 16.03.2023	998346	99		300	0	29700	18% CGST - 2673 SGST - 2673 IGST - 0	0	35046

Industrial Tour-2023

Organized by : Department of Electronics & Communication Engineering
Designation :
Topic : Industrial Tour
Venue : Prasar Bharathi All India Radio ,Vishakhapatnam
Date & Time : From: 10/03/2023 To: 10/03/2023
Conducted for : Students

Branch	Year	Semester	No of Students Attended
ECE	II	II	103
Total No of Students Attended			103

Profile of the Speaker

No Speaker

Report**1. Report in brief by Organizer / Coordinator / Convener:**

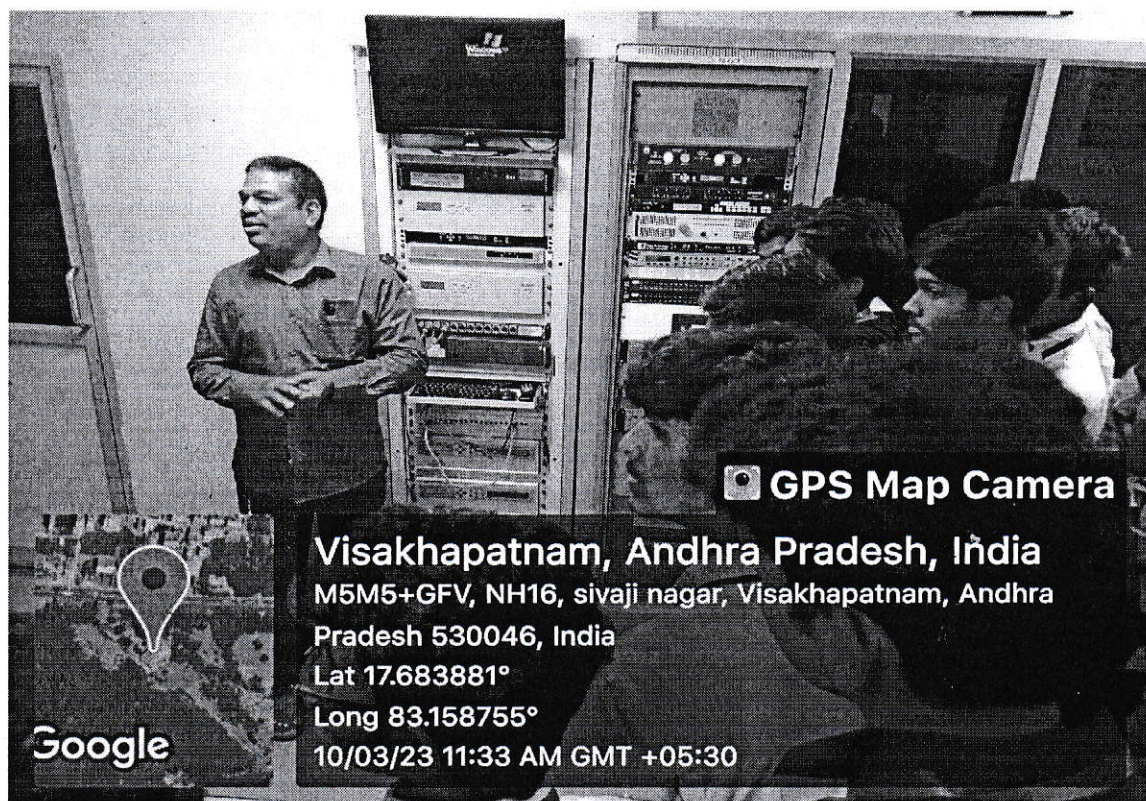
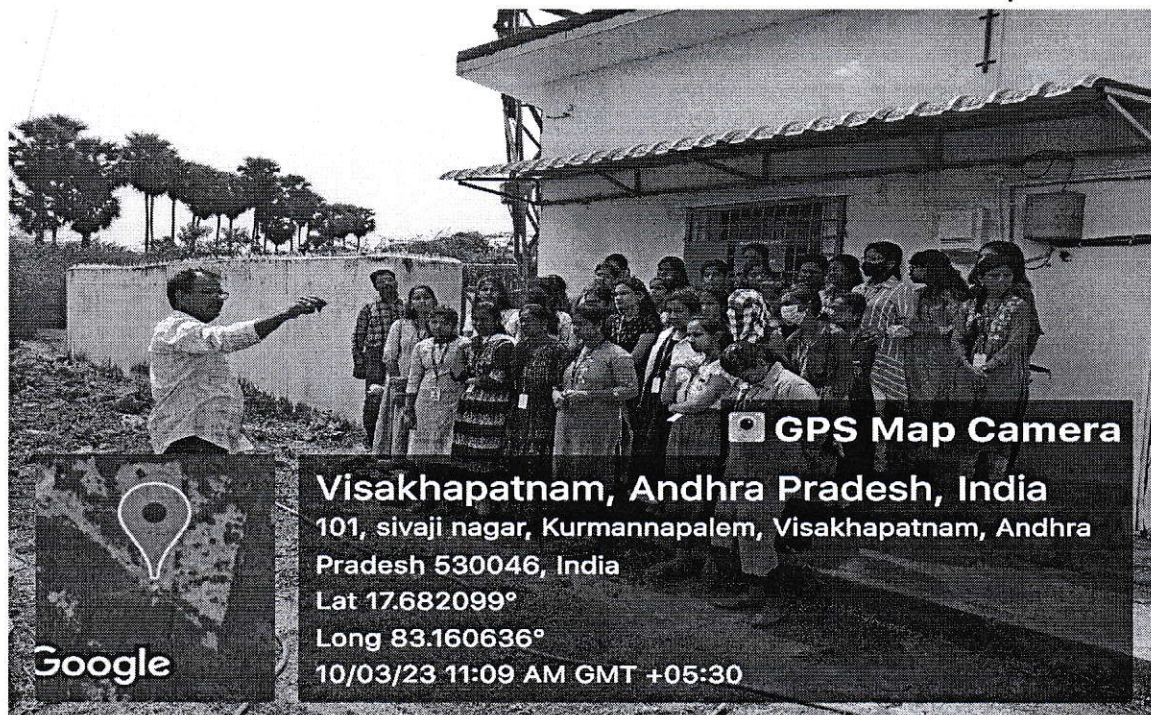
An one day industrial tour was organized for II-II B.Tech students of the Department of Electronics Engineering-II on 10/03/2023 to Prasar Bharathi- All India Radio , Vishakhapatnam. A total of 103 students along with 4 faculty members (Dr A B Siddique, Mr I Ramesh Raja, Ms Sneha M Joseph & Ms G Jyothsna) visited the FM transmitter at Siripuram & MW transmitter at Agnampudi.

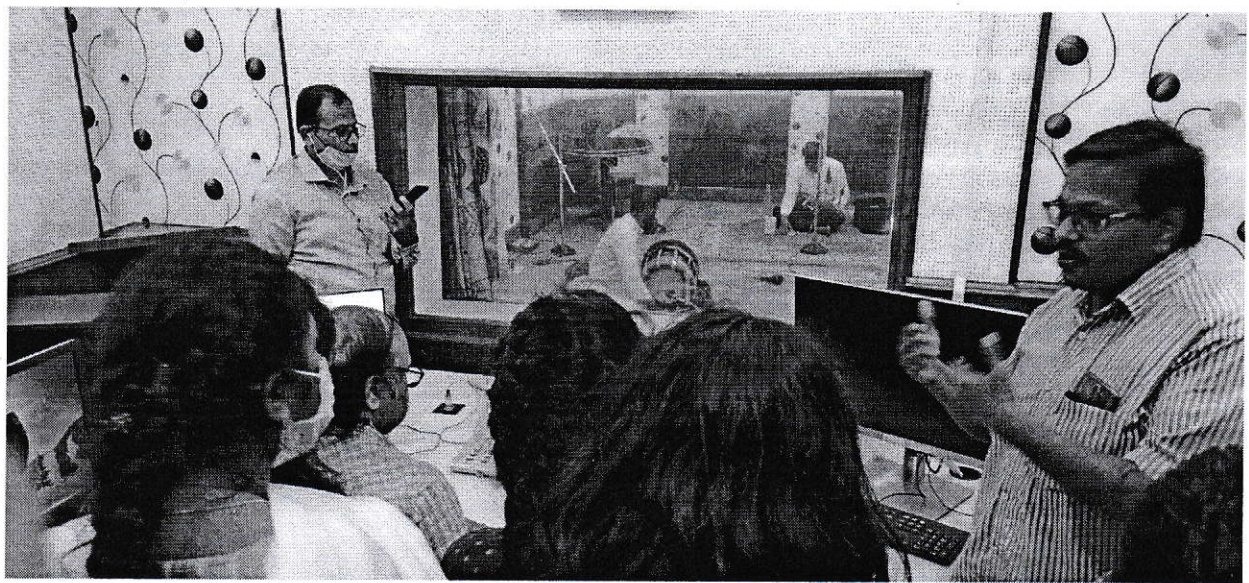
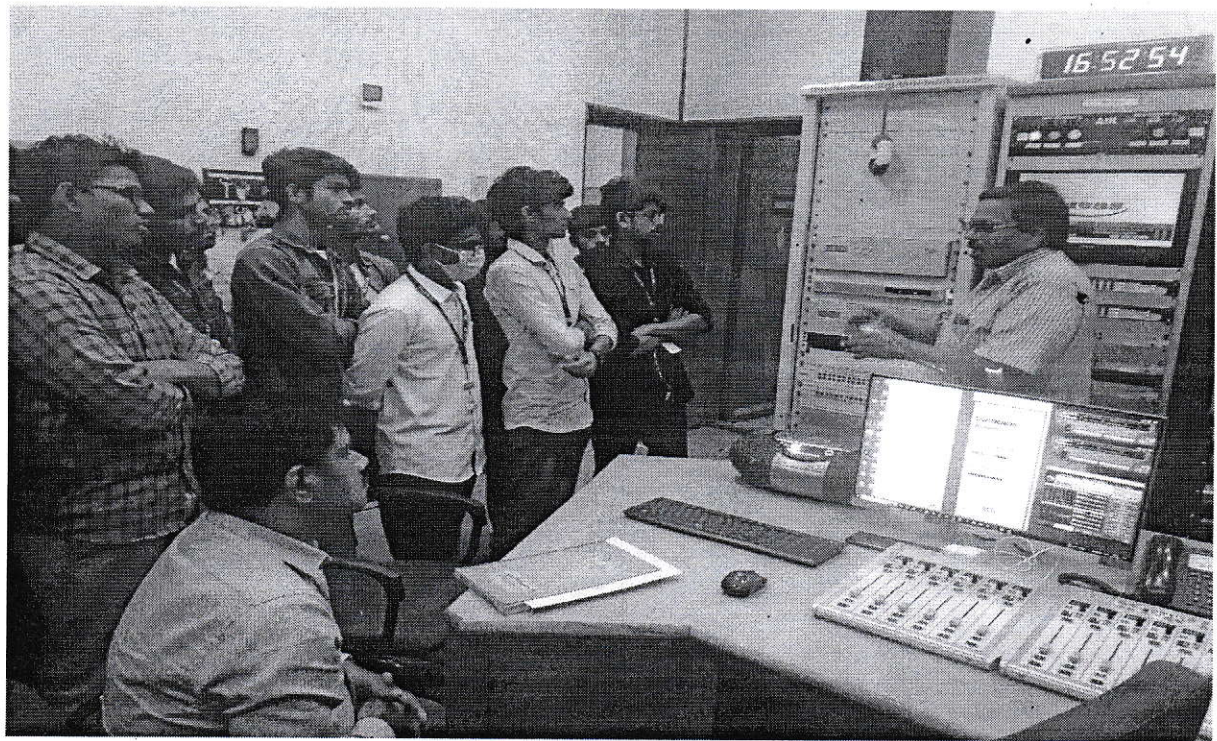
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At Siripuram, the students were again divided into 2 batches. First batch learnt about the how the different studios (Talk, Music, Playback) record the programs and how the programs from other stations are broadcasted. Different studios are used according to the different acoustics design. Two major contributors for this design are echo & reverberation- depending on how these values changes different studios are used for Live programs, Music & Talk. Every program is broadcasted to the audience through the console having 12 inputs. Every input of the console is connected to a feeder system which when opened helps in sending data on AIR. Second batch learnt about the modulation process of transmitting the data.

At Agnampudi, students learnt about how the transmitted program from Siripuram is broadcasted to the audience. The resource person explained about the concept of transmission lines and the maximum power transfer to send maximum data.

2. Photos:







3. Feedback from students:

All the students were happy for attending the industrial tour. They were enthusiastic to attend the future industrial tours also.

4. Remarks from Resource Person: ----

Coordinator/Organizer

HOD

Principal



प्रसार भारती /Prasar Bharati

(भारत का लोक सेवा प्रसारक / India's Public Service Broadcaster)



आकाशवाणी : विशाखापट्टणम/ **All India Radio::Visakhapatnam**

Tele Fax: 0891 – 2562084 E-mail: airvisakhapatnam@rediffmail.com

सं/No: 11(12)/2022-23/E/IV/

दिनांक/ Date: 03.03.2023

The Head of Department
Department of Electronics & Communication Engineering
Aditya College of Engineering & Technology
Surampalem

Sub:- Permission to visit to All India Radio – reg
Ref:- Your letter dated 03.03.2023

Sir,

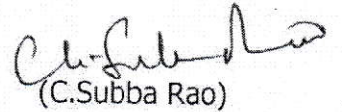
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