

DEPARTMENT OF B. SC. COMPUTER SCIENCE & MACHINE LEARNING
INDUSTRIAL VISIT REPORT

Name of the Event: Industrial visit

Date of Event: 3 February 2024

Time: 9:30 A. M. to 1:30 P.M.

Location: BSNL Office, Regional Telecom Training Centre, Erragadda, Hyderabad –18.

Faculty In – Charge: Ms. B. Kavitha

Number of Students participated: 28.

Number of faculty participated: 01.

Objective:

Through an exploration of facilities and training tools, BSNL sought to provide students with a practical grasp of the telecommunication infrastructure. It also provided the opportunity to explore BSNL's operations and highlight its role in preserving and growing the country's telecom network.

Introduction:

The first-year students of B. Sc. Computer Science & Machine Learning (ACSML) attended BSNL, Regional Telecom Training Centre, located at Erragadda on 3 February 2024, Saturday with the faculty in charge Ms. B. Kavya. A total of 28 students attended the sessions conducted by them.

The sessions students experienced during their visit were listed below.

Session I: Telecommunication Networking by Mr. Ramesh from 10:00 A.M. to 11:15 A.M.

During the discussion, they spoke about communication channels, or transmission media. They addressed about a variety of data transmission techniques, including satellite and terrestrial transmission, guided and unguided media and more. During the orientation, fundamentals of landline communications, including copper and fibre optic connections were presented.

Session II: Battery and Power Connections by Mr. Krishna Reddy from 11:15 A.M. to 12:15 P.M.

The main topics of discussion at the session included current supply, different types of current, and how to connect mobile calls. The way battery's function and the relationship between plants and batteries.

Session III: Networking lab by Mr. Prasanth, SDE from 12:00 P.M. to 1:00 P.M.

The focus of the session was on using a router for network access and communications. The process of accessing a router both locally and worldwide, varieties of routers used by business users as well as individual users.

Session IV: Mobile Communication – 5G Communication lab by Mr. Amish, SDE from 1: 00 P.M. to 1:45 P.M.

The session went over the development of the 5G network, its iterations, the rationale behind these iterations, as well as its goals, limitations, and services. Building towers and sending signals through them for 5G networks.

Outcome:

To help students understand how RTTC, Hyderabad contributes to the skill development of telecom workers, and to introduce them to the training programs offered by the center. It was intended to bridge the gap between academic understanding and real – world applications in the ever – evolving telecom industry.

Photo Gallery:



Photos depicting the orientation given to students on various working components and environment of BSNL by trainers.





Group photo of ACSML students near RTTC, Erragadda, Hyderabad.

**ACCEPTANCE LETTER BY BSNL, RTTC, ERRAGADDA, HYDERABAD FOR
INDUSTRIAL VISIT**

Dear Madam,

Greetings of the day.

With reference to your mail, here with RTTC, HD is happy to offer Industrial Visit for your students and the same is **permitted on 03.02.2024**.

Hence it is requested to **confirm the list of students as per the proforma enclosed** herewith this mail without any modifications on or before **01.02.2024**.

- During the visit, various Telecom technology Labs/ Equipment will be demonstrated to the students.
 - The timings for your IV is **10.30 Hrs to 13.30 Hrs** on that day.
 - The charges for industrial visit are as follows and **payment has to be done through online mode using UPI mode on the same day**.
- Rs. 200/- + GST @ 18% (i.e Rs.36/-) per person per visit.
 - A discount of 10% on Fee for a group having 26 to 50 persons on the day of visit
 - A discount of 20% on Fee for a group having 51 & above persons on the day of visit

** GST - will be charged @ 18% on Total Fee

Location of RTTC Hyderabad, ERRAGADDA, Opp to Metro Pillar no.977 <https://maps.app.goo.gl/3KBjecGfkdhgJcy27>

Thanks & Kind Regards,

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R. PRASHANTH,
SDE TM / Faculty,
O/o Principal / PGM,
Regional Telecom Training Centre,
Bharath Sanchar Nigam Limited
(A Govt. of India enterprise)
Hyderabad - 500 018
Mob: 9490472330
Ph No: 040-23000172

PERMISSION LETTER BY PRINCIPAL FOR INDUSTRIAL VISIT.

To

The Principal

Loyola Academy

Alwal

Subject: Request to go for Industrial Visit-Reg

Respected Father,

I Ketana. K, Head Department of B.Sc Computer Science and Machine Learning, would like to request your permission for an industrial visit to the Regional Telecom Training Center, BSNL, on February 3rd, 2024. So that students of ACSML visit the company and get insight into the internal working environment of the company and the practical aspects of the course. We got the confirmation mail from the company. Please do the needful.

Thank you, Father.

Yours Sincerely

K. Ketana



STUDENTS SIGNATURE SHEET FOR INDUSTRIAL VISIT

BSNL INDUSTRIAL VISIT LIST OF STUDENTS
 DEPARTMENT OF B.A.C. COMPUTER SCIENCE & MACHINE LEARNING
 A.Y. 2023 - 24 FOR THE BATCH 2023 - 26
 DATED: 3 FEBRUARY 2024

S.No.	UID	Name of the Student	Signature
1	111723049002	Batha Akshitha	B. Akshitha
2	111723049003	Dyada Niharika	D. Niharika
3	111723049004	Dharmata Harshitha	D. Harshitha
4	111723049005	Giddanata Harini Reddy	Harini
5	111723049007	Korrapelli Nikitha	K. Nikitha
6	111723049008	Kuzali Aksharaya	Akshara
7	111723049009	Maradi Harshavardhini	Harsha
8	111723049010	MD Shazi Begam	Shazi
9	111723049011	NS Lakshitha	Lakshitha
10	111723049012	Pamarthi Venkata Bharya	P. Bharya
11	111723049015	S Anasuya Bindu	S. Anasuya
12	111723049014	Srinidhi Sushmitha	S. Sushmitha
13	111723049015	Swargam Rekha	S. Rekha
14	111723049016	Vappala Ashwitha	Ashwitha
15	111723049019	Arakala Suresh Kumar	Suresh

S.No.	UID	Name of the Student	Signature
16	111723049020	Chakali Karthesh Kumar	
17	111723049021	Dev Jangid	
18	111723049022	Dhansh Shekar Ashish	
19	111723049023	Emreedi Vjshya Vardhan	
20	111723049026	Himanshu Choudhary	
21	111723049027	Jazeer Yusuf Ihsai Mithaiwala	
22	111723049030	Mohammed Arman	
23	111723049035	Nirmana Karthik	
24	111723049041	Sandeep Kumar	
25	111723049042	Shaik Abdul Furhan	
26	111723049048	Vaka Pyem Sai Kumar	
27	111723049050	Vikram Kumar	
28	111723049006	Joysony	

Report Submitted by

K. Ketana

(Head, Department of B. Sc. CSML)

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