



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as Deemed - to be University under section 3 of UGC Act 1956)



BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY

No.173, Agharam Road, Selaiyur, Chennai, T.N - 600 073.

REQUISITION LETTER

22.08.2019

From

The HOD
Department of ECE
Bharath Institute of Higher Education and Research
Selaiyur, Chennai-73

To

The Dean Engineering
Bharath Institute of Higher Education and Research
Selaiyur, Chennai-73

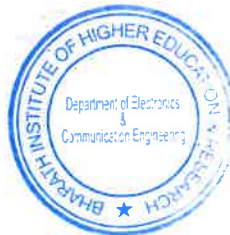
Respected Sir,

Sub: Requisition for Undergoing Industrial visit -regarding

The School of Electrical Engineering has planned to take students of ECE department to BSNL at Nungambakkam, Chennai. Hence in this regard, II year B.Tech Students of total strength 100 with 4 staff members will be going for the industrial visit on 06.09.2019. I request you to kindly grant permission for Industrial visit and also to provide Transport facility.

Thanking You

HOD/ECE





21.08.2019

From

Mr. S.Pattabiraman
Chief Engineer
BSNL T.N. Civil Zone ,6th Floor, Admn., Bldg.,
No. 2, Kush Kumar Road,
Nungambakkam, Chennai 600034

Sir,

Sub : Request for Industrial Visit for B.Tech-ECE Students-Reg.

Ref to the letter dated 12.08.2019 regarding industrial visit, we permit your B.Tech-ECE Students of strength 100 and four faculty members of Bharath Institute of Higher Education and Research to our company at Nungambakkam, Chennai on 06.09.2019 .

Thank you

For BSNL T.N. Civil Zone

Mr. S. Pattabiraman

Chief Engineer



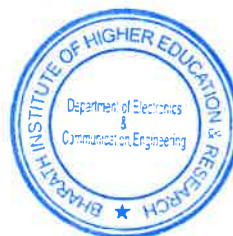
Students Industrial Visit Report-BSNL

The **B.Tech** students of **Electronics and Communication Engineering**, Bharath Institute of Higher Education and Research, Selaiyur, Chennai-600073 were visited the BSNL, Nungambakkam branch on 06.09.2019. The students were taught about different modules namely switching, transmission and MDF (Main distribution function). In switching module, students learnt on practical aspects of call making and receiving. They were thought on how to create the calling number and how to check the dial tone. In transmission module, students were briefed about OFC communication and its uses, advantages, applications. The students were shown the real cables and its working procedure. In the MDF module, students learnt about the requirement of main distribution function. They were briefed about line side and exchange side of MDF. The students were shown the functioning parts of distribution unit. A telephone exchange consists of 4 functional blocks: 1) SWITCH ROOMS 2) MDF (Main Distribution Frames) 3) TRANSMISSION ROOMS 4) TELECOM SUPPORT INFRASTRUCTURE.

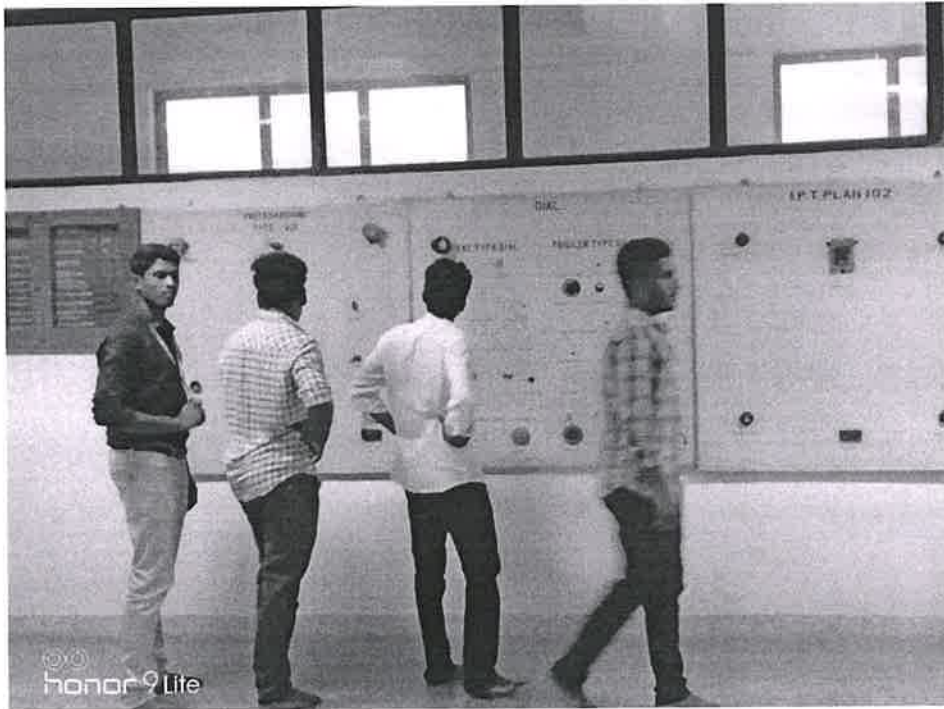
1) SWITCH ROOMS: a) It consists of digital electronic switches which guides the user to the destination by identifying a physical communication path. b) This identification is done with the help of logical or directory numbers. c) We were shown, how the switches work in real time, with an operating terminal.

2) MDF (MAIN DISTRIBUTION FRAME) a) All subscriber lines are terminated at the end of MDF. b) It consists of front (line) end and a back (switch) end which are interconnected with the help of a jumper. c) A safety point is created in MDF to avoid any damages caused due to faults at the customer end. The jumper of an MDF consists of gas discharge tubes which eliminates the faults.

3) TRANSMISSION ROOMS: a) The main function of transmission rooms is the interconnection of 2 exchanges within or outside the town. It involves optical fibre communication. b) Voice signals are first identified. 30 voice channels are combined with the help of first order European multiplexers which can handle a speed of 2.048Mbps. c) Pulse Code Modulation of voice signals are carried out along with digitization. Voice signals of frequency 0-4 KHz are converted to 64Kbps. The industrial visit was very helpful in providing us a better understanding of the theoretical concepts of the subject Digital Switching Systems.



Photos of Industrial Visit

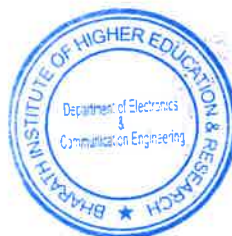


Students Name List:

S. No	Register No.	Student Name
1	U19EC301	MUPPALLA SAI GANESH
2	U19EC302	MUPPANABOINA SATISH
3	U19EC303	MUPPASANI GOPI
4	U19EC304	MUSALIMADUGU SAI SUMANTH
5	U19EC305	MUTHYALA SURYA TEJA
6	U19EC306	MUTTE CHANDRA SEKHAR
7	U19EC307	MUTTHINENI SAI KIRAN
8	U19EC308	MYLA SINDHU
9	U19EC309	MYNAM CHAKRA LAKSHMAN
10	U19EC310	NAGANABOYINA KEERTHESH
11	U19EC311	NAGIREDDY SIVA SANKAR REDDY
12	U19EC312	NAGUBANDI SASHANK
13	U19EC313	NAIDU SAI PARVATEESAM
14	U19EC314	NAKARAKANTI DILEEP KUMAR
15	U19EC315	NAKKA VARDANA SAI
16	U19EC316	NALLAMUNIREDDYGARU DILEEP
17	U19EC317	NAMUNI SMARAN
18	U19EC318	NANDAM NIRANJAN VEERA VENKATA KISHORE
19	U19EC319	NANNAPANENI VENKATA TARUN
20	U19EC320	NARA CHANDANA
21	U19EC321	NAREDLA SAI PRASHANTH
22	U19EC322	NATHALA SAI UMA MAHESHREDDY
23	U19EC323	NAVANIT PRASANNA KUMAR GUNUPUD
24	U19EC324	NAYANI CHANDU
25	U19EC325	NEKKANTI RAVITEJA
26	U19EC326	NELLURI BHARATH
27	U19EC327	NOMULA SHIVA CHARAN
28	U19EC328	NOOKANABOINA PRAHLADA
29	U19EC329	NOOR BASHA SAMEER
30	U19EC330	NUSUM MATHA PRIYANKA
31	U19EC331	OBBIREDDY NARENDRA REDDY
32	U19EC332	OBULAPURAM AJAY SUKUMAR
33	U19EC333	OLETI RAKESH
34	U19EC334	PABBIREDDY SAI TEJA
35	U19EC335	PADARTHY SURENDRA
36	U19EC336	PADWAL HARSINGH
37	U19EC337	PAGADALA HANUMANATHA RAO



38	U19EC338	PAGADALA SUDHARSHAN
39	U19EC339	PAGIDELA THANUJ REDDY
40	U19EC340	PAIDI VENKATA RAMANA
41	U19EC341	PAKANATI JAGADHISH KUMAR
42	U19EC342	PALA NAGA VENKATA SATYANARAYAN
43	U19EC343	PALLAPOLU NAGA SUPRAJA
44	U19EC344	PALLENI VIJAYA BHASKAR
45	U19EC345	PALLETI SANDEEP KUMAR REDDY
46	U19EC346	PAMUJULA TEJESWAR
47	U19EC347	PAMULA CHETAN KUMAR
48	U19EC348	PANASA GANESH
49	U19EC349	PANDANABOINA ROHITH
50	U19EC350	PANDILLAPALLI VENKATA RAMI REDDY
51	U19EC351	PANDIPOTU SAI PRAKASH
52	U19EC352	PANDIRI MANIKANTA
53	U19EC353	PANGA VAMSI KRISHNA REDDY
54	U19EC354	PARISA MOHANA SRINIVASA REDDY
55	U19EC355	PARVATHINI LEELASIVA AKASH
56	U19EC356	PASALA SIDDARTHAREDDY
57	U19EC357	PASUPULETI MANOJNAIDU
58	U19EC358	PASUPULETI SRINIVAS
59	U19EC359	PATCHAVA VINOD KUMAR
60	U19EC360	PATHAN THAHIR KHAN
61	U19EC361	PATIBANDLA ASHOK SAI KUMAR
62	U19EC362	PAVITHRA M
63	U19EC363	PEDDABOINA KANAKA RAJU
64	U19EC364	PEDIREDLA RAHUL
65	U19EC365	PEETLA ASHOK KUMAR
66	U19EC366	PENTA GANESH
67	U19EC367	PESARU ABHISHEK
68	U19EC368	PITTU HARI KRISHNA
69	U19EC369	POLISSETTY GANESH
70	U19EC370	POLSANI RAHUL
71	U19EC371	POREDDY NAGULUGARI BHARATH KUMAR REDDY
72	U19EC372	POTHURU PRAVEEN KUMAR
73	U19EC373	PRATHICK S
74	U19EC374	B PRAVEEN
75	U19EC375	R PRAVEEN
76	U19EC376	PULLA MADHUSUDHAN REDDY
77	U19EC377	PUSPAUL MUKHERJEE
78	U19EC378	PUSULURI DURGA RAO
79	U19EC379	PUVVADI NAVEEN
80	U19EC380	PYLA GOPI CHANDU



81	U19EC381	RACCHA VEERABHADRAM
82	U19EC382	RACHAM REDDY TEJESWAR REDDY
83	U19EC383	RAICHUR SATHYA REDDY
84	U19EC384	RAJA DEEKSHITH KUMAR
85	U19EC385	RAJMOHAN K R
86	U19EC386	RAJULAPATU KEERTHI AVINASH
87	U19EC387	RAMAGIRI SUMANTH
88	U19EC388	RAMAVATH SRIKANTH
89	U19EC389	RAMAYANAM VAMSIDHAR
90	U19EC390	RAMBA KARTHEEK
91	U19EC391	RAPOL VINAY KUMAR
92	U19EC392	RAPURU VAMSI
93	U19EC393	RAVIKINDI DHANUSH
94	U19EC394	REDDYCHERLA MANOHAR REDDY
95	U19EC395	REGALAGADDA MADAN
96	U19EC396	REKULA NAGA RAJU
97	U19EC397	REPALLE RAJA SEKHAR REDDY
98	U19EC398	REJU SIVA KALYANI GANGA
99	U19EC399	RINTO MOHAN
100	U19EC400	ROLLA SRINIVASARAO

