



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

31.01.2020

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

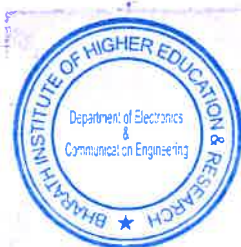
Respected Sir,

Sub: Requisition for Undergoing Industrial visit -regarding

The School of Electrical Engineering has planned to take students of ECE department to BSNL at Maraimallainagar, Chennai. Hence in this regard, B.Tech ECE Students of total strength 100 with 4 staff members will be going for the industrial visit on 10.02.2020. I request you to kindly grant permission for Industrial visit and also to provide Transport facility.

Thanking You

HOD/ECE





BSNL
Connecting India

29.01.2020

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 22.01.2020 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 Maraimallainagar, Chennai on 10.02.2020

Thank you

For BSNL T.N. Civil Zone

Mr. S. Pattabiraman

Chief Engineer



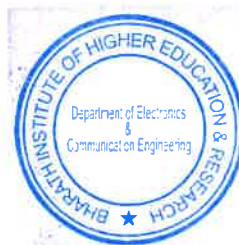
Students Industrial Visit Report-BSNL

The **B.Tech** students of **Electronics and Communication Engineering**, Bharath Institute of Higher Education and Research, Selaiyur, Chennai-600073 were visited the BSNL, Maraimallainagar branch on 03.02.2020. The students were taught about different modules namely switching, transmission and MDF (Main distribution function). In the switching module, students learnt on practical aspects of call making and receiving. They were thought how to create the calling number and how to check the dial tone. In the 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 the main distribution function. They were briefed about line the side and exchange side of MDF. The students were shown the functioning parts of the 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.

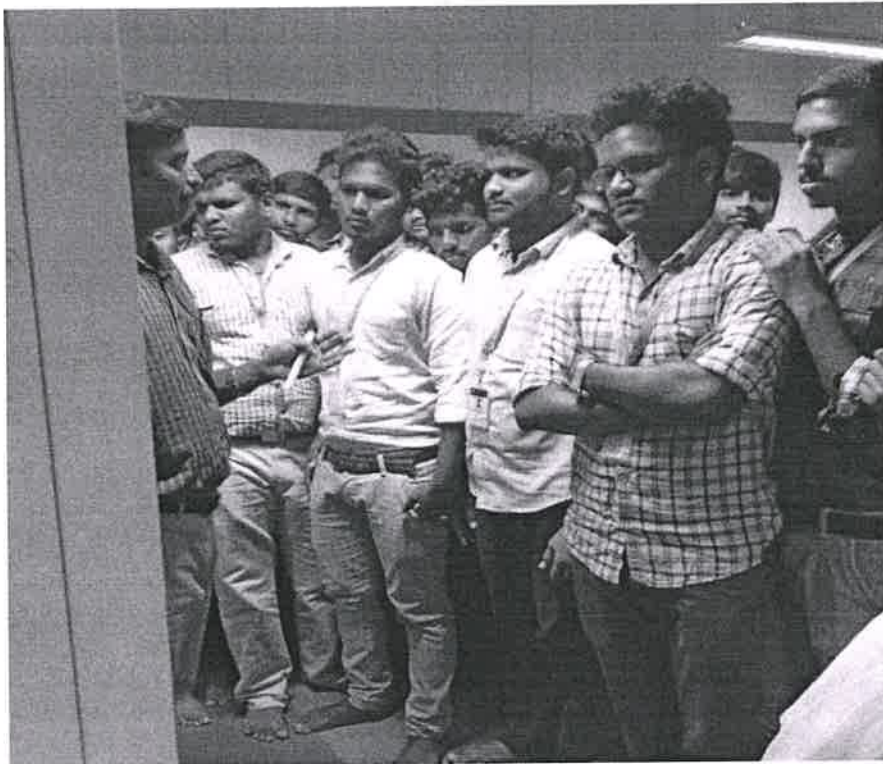
1) SWITCH ROOMS: a) It consists of digital electronic switches which guide the user to the destination by identifying a physical communication path. b) This identification is done with the help of logical or directory numbers. c) We were shown, how the switches work in real-time, with an operating terminal.

2) MDF (MAIN DISTRIBUTION FRAME) a) All subscriber lines are terminated at the end of MDF. b) It consists of a 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 eliminate 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 with a better understanding of the theoretical concepts of the subject of Digital Switching Systems.

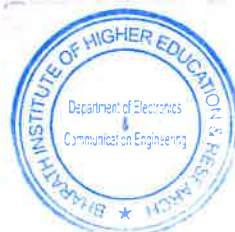


Photos of Industrial Visit



Students Name List:

S. No	Register No.	Student Name
1	U17EC221	EARLA GIRISH
2	U17EC222	PEDDAPU SAIBABU
3	U17EC223	TUMMI GANESH
4	U17EC224	SWETHA R
5	U17EC225	PASUPUREDDY KRISHNA SAI
6	U17EC226	REDDY MOHANA KRISHNA REDDY
7	U17EC227	BHUPATHI VENKATASAI UMA SANKAR
8	U17EC228	VAKA HEMANTHKUMAR
9	U17EC229	SHAIK VALIAHAMMAD
10	U17EC230	BALAM HIMAJA
11	U17EC231	CHAMARTHI REDDYSEKHAR RAJU
12	U17EC232	KAKARLA CHANDRAHASA REDDY
13	U17EC233	KARRI ANVESH
14	U17EC234	THATHIREDDY MAHESH
15	U17EC235	CHIPPADA KRISHNA TEJA
16	U17EC236	TALLAPANENI SAI KUMAR
17	U17EC237	MADALA YASHWANTH CHOWDARY
18	U17EC238	PATHAKAMURI DATTATHREYA
19	U17EC239	CHANDRAGIRI MALLIKARJUNAREDDY
20	U17EC241	KANCHI PAVAN DURGA KOTI REDDY
21	U17EC242	KATIKALA MOHAN PAVAN KUMAR REDDY
22	U17EC243	GARYALA PHANEENDRA KUMAR
23	U17EC244	MANAM GANESH
24	U17EC245	PULAGAM NAVEEN KUMAR REDDY
25	U17EC246	BHEEMI REDDY SASIDHAR REDDY
26	U17EC247	KANJULA HRUSHIEKESH REDDY
27	U17EC250	MUDDAM AJAY KUMAR
28	U17EC251	DUMPA GANESH
29	U17EC252	VYSYARAJU SIVARAM
30	U17EC253	PYDISETTI BHARAD
31	U17EC254	ANUNULA SWATHI REDDY
32	U17EC255	PASUPULETI SURYA TEJA
33	U17EC256	THANGELLA AJAY KUMAR
34	U17EC257	PANABAKAM LEKHASREE
35	U17EC258	YARRAM REDDY KRISHNA REDDY
36	U17EC259	ZADDU VISWANATHA REDDY
37	U17EC260	KATAKAM SANDEEP KUMAR
38	U17EC262	KONGARA SANTOSH
39	U17EC263	YALAMKURU ANIL KUMAR REDDY
40	U17EC264	GANDLA MANEKANTTA



41	U17EC265	ARADALA GANESH CHANDRA
42	U17EC269	VALICHARLA SAI SRINU
43	U17EC270	POLU ARAVIND KUMAR REDDY
44	U17EC271	RAMI REDDY AKIL KUMAR REDDY
45	U17EC272	AVULU CHANDRA MOULI NAIDU
46	U17EC273	TALARI ANIL KUMAR
47	U17EC274	UPPUTHALLA PAWAN KALYAN
48	U17EC276	TOMMETI SAI KIRAN
49	U17EC283	BOYA MADHU
50	U17EC286	SAMALA RAKESH KUMAR
51	U17EC287	MEBAGAM RAMANJI REDDY
52	U17EC288	PAMULAPATI KARTHIK REDDY
53	U17EC289	NAKKALA KRISHNA CHAITANYA
54	U17EC290	D. VENKATASIMHA REDDY
55	U17EC291	ADDEPALLI DIVYA
56	U17EC292	DODDA HARISH
57	U17EC293	CHELLUBOINA KRISHNA VAMSI
58	U17EC294	SAIKAM VENKATESWARA REDDY
59	U17EC295	KONDURU VENKATA SREE HARSHA
60	U17EC296	SURYAVAMSHI MADHURI
61	U17EC297	CHAKURE YASODHA
62	U17EC298	PATIL PRIYANKA
63	U17EC299	GORLE SHYAM KUMAR
64	U17EC300	YERRAGOLLA SATISH
65	U17EC301	VADDE SAI PAWAN KUMAR
66	U17EC302	DUDEKULA HAARUN RASHEED
67	U17EC303	M. NAGARAJU
68	U17EC304	KOMERA KIRAN KUMAR
69	U17EC305	MANCHALA SUNIL KUMAR REDDY
70	U17EC306	PUVVULA SHRIYA
71	U17EC308	CHAPPIDI HARSHANANDA REDDY
72	U17EC309	LINGA PRABHAKAR REDDY
73	U17EC310	KOTHA SAMPATH
74	U17EC311	PUJALA VENKATESWARLU
75	U17EC312	BASAVA NETHAJI SAI SATISH
76	U17EC313	THANI KONDA KRISHNA VARDHAN
77	U17EC314	VEMULA YASWANTH KUMAR
78	U17EC315	NUTHALAPATI CHANDRIKA
79	U17EC316	POLA SAI CHARAM
80	U17EC317	DADI SAI TRINATH
81	U17EC318	BOGANATHAM MAHITHA
82	U17EC319	DAMACHARLA PAVAN KRISHNA
83	U17EC320	K.O. HARSHAVARDHAN



84	U17EC321	YERRAM REDDY NARENDRA REDDY
85	U17EC322	PENDYALA PAVAN KUMAR
86	U17EC323	VANDANA HEMALATHA
87	U17EC324	UPPALA SRI HARI BABU
88	U17EC325	RAVULA LOHITH KUMAR KURMA
89	U17EC326	ILLANKULA SIVA RAMA KRISHNA
90	U17EC327	VEERAM REDDY VASANTHA RAYUDU
91	U17EC328	NALLAMILLI AYYAPPA
92	U17EC329	CHUKKA LEELA SHANKAR
93	U17EC330	KATTHIP ALLI HARINARAYANA
94	U17EC331	SHAIK SHARUKH RABBANI
95	U17EC332	PEMMADI VENKATA VAMSI KRISHNA
96	U17EC333	NEMALIDINNE ANJALI
97	U17EC334	KELAM SAI RAM KUMAR
98	U17EC335	MUPPASANI SAI SRI HARSHA
99	U17EC336	VANGALA MADHAN MOHAM REDDY
100	U17EC337	INTURI THIRUMALESH

