



**The National Institute of Engineering, Mysuru**  
*Electronics and Communication Engineering*

**Type of Event:** Industrial Visit

**Event Name:** One Day industrial Visit to BSNL RTTC,  
Mysore

**Academic Year:** 2020-21

**Date:** 08/02/2021

**Duration:** 1 Day

**Target Participants:** Final year ECE Students and  
First year M.E Students

**Number of Participants:**

Boys : 20 , Girls : 27 , Faculty : 4, Total: 51

Signature of HOD

Signature of the Coordinator

# BROCHURE OF THE EVENT



**Bharat Sanchar Nigam Ltd**  
( A Government of India Enterprise )

## REGIONAL TELECOM TRAINING CENTRE MYSURU



[www.rttcmysore.bsnl.co.in](http://www.rttcmysore.bsnl.co.in)

T K LAYOUT, NEAR KAMAKSHI HOSPITAL, MYSURU - 570009

Regional Telecom Training Centre Mysuru is premier training institute of BSNL, widely recognised as high-end training organisation in providing industry relevant training to students, working professionals and corporate houses. We offer industry mapped programs to bridge the skill gap between academia and industry.

Prime reason for RTTC Mysuru is to establish a center of Excellence in emerging technologies. Since 25 years we are pioneers in the field of advanced Telecommunication and Networking.

Our team has vast industry experience provides tirelessly an ideal platform to enhance education, training, skills and development among young minds. We also provide hands-on experience to the trainees in labs with wide variety of Telecommunication equipment and Testing meters.

Green campus with lecture halls, labs, hostel (separate for boys & girls), hygiene canteen and indoor/outdoor sports facilities. It is an excellent opportunity for the aspiring Engineering graduates/ M.tech students to be job ready in telecom field at RTTC Mysuru.

"RTTC Mysore a team of passionate and knowledgeable mentors"

### Designed as per the requirement of all Technical Institutions

Industrial Visit on following Communications Engineering labs	
1.	DIGITAL SWITCHING SYSTEM
2.	FIBER OPTICS & NETWORK
3.	COMPUTER COMMUNICATION NETWORK
4.	WIRELESS CELLULAR & 4G NETWORK

INDUSTRY  
EXPOSURE

Industrial Visit Fee Structure				
Sl. No.	Course	Fee per Student (in Rs) incl GST		
		Up to 50 students	51 to 75 students	76 and above
1	Industrial Visit (Full Day)*	Rs 413/-	Rs 372/-	Rs 331/-
2	Industrial Visit (Half Day)	Rs 236/-		

Note: Hostel facility at Rs.100/student/day and Excellent canteen facilities at nominal rates can be availed by students.

\* Individual certificate will be issued to students on Full Day Industrial Visit.

Visit us on:

[www.rttcmysore.bsnl.co.in](http://www.rttcmysore.bsnl.co.in)

For more details contact:

Sunita Niranjana Mob: 9449001878 sunitabsn@gmail.com

Guruprasad M Mob: 9449855560 guruprasadmb@gmail.com

Rakesh M Mob: 9483533377 rakesh.midasala@gmail.com

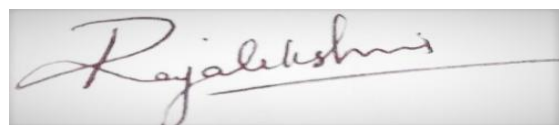
Signature of HOD

Signature of the Coordinator

## Participant Registration List of the event

S.NO:	USN	Name
1	4NI17EC001	AADIL YAQOOB GAKHED
2	4NI17EC059	PRASHANTH .G. K
3	4NI17EC058	PRAN N GOWDA
4	4NI17EC095	VARSHA .M
5	4NI17EC094	VAISHNAVI .K. N
6	4NI17EC055	PRAJWAL .S
7	4NI17EC016	APRAMEYA K BANNINTHAYA
8	4NI17EC050	NAVANEETH PRABHU
9	4NI17EC008	AKASH. V
10	4NI17EC051	NIKHIL NEVIN VAS
11	4NI17EC039	KEERTHANA .A
12	4NI17EC002	ABHIGNA C SHEKAR
13	4NI17EC071	RHEA RAVINDRA
14	4NI17EC006	AISHWARYA .K
15	4NI17EC109	CHANDAN RAM .P. N
16	4NI17EC010	AKSHAY NACHAPPA
17	4NI17EC049	MONIKA. K. L
18	4NI17EC012	AMIRA NAYYAR
19	4NI18EC404	CHAITHRA .S. L
20	4NI17EC042	KRITHI .A. U
21	4NI17EC024	CHINMAYI.B. C
22	4NI17EC111	KESHAVAMURTHY. L
23	4NI17EC013	ANAGHA MYSORE KUMARA
24	4NI18EC423	VILAS KHANDAPPA LAMANI
25	4NI17EC106	MEGHA. M
26	4NI17EC032	G. VANDANA
27	4NI18EC416	POOJA .K
28	4NI18EC402	AYSHWARYA .N
29	4NI18EC414	NANDITHA .N .C
30	4NI17EC011	AMBIKA .H
31	4NI17EC047	MANOJA .Y. K
32	4NI18EC411	KAVITA KADAKABAVI
33	4NI17EC019	BHUPATHIRAJU RAHUL VARMA
34	4NI17EC037	JUJJURU SNEHA SANJITA
35	4NI18EC406	CHARAN .S .J
36	4NI17EC098	VINAYAKA MUTTAPPA JADAR

Signature of HOD



Signature of the Coordinator

### M.Tech First Year Students List

37	2020LNI001	CHAITRA.S
38	2020LNI002	SUPRIYA.S
39	2020LNI003	KUSUMA.B.R
40	2020LNI004	JEEVITHA.M.N
41	2020LNI005	AMITH.S
42	2020LNI006	SANJANA.N
43	2020LNI007	CHANDANA.R
44	2020LNI008	AKSHAY SHARMA A.S
45	2020LNI010	CHEETHAN PRASAD
46	2020LNI011	PRASHANTH T.N
47	2020LNI012	SANTHOSH. B .R

### Faculty Co-ordinators

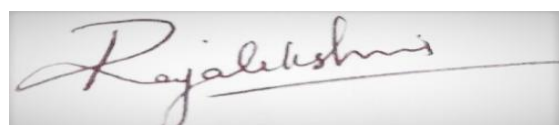
Dr.Rajalekshmi Kishore, ECE Dept. NIE, Mysore

Miss.Shruthi.R, ECE Dept. NIE, Mysore

Dr. Nagaraju, ECE Dept. NIE, Mysore

Dr.Yajunath Kaliyath, ECE Dept. NIE, Mysore

Signature of HOD



Signature of the Coordinator



## Sample Photographs



Signature of HOD

Signature of the Coordinator



Signature of HOD

*Rajalekshmi*

Signature of the Coordinator





12.297288; 76.621910 NE 76

08.02.2021 13:02

Janta Nagar BSNL Office,  
Kuvempunagara North,  
Channarayana, Mysuru, Karnataka

## Report and Outcome

Industrial visit is considered as one of the tactical methods of teaching. The main reason behind this, it lets student to know things practically through interaction, working methods and employment practices. Moreover, it gives exposure from academic point of view. Main aim of industrial visit is to provide an exposure to students about practical working environment. It serves to bridge the skill gap between the academics and industry. Regional Telecom Training Centre Mysore is premier training institute of BSNL which is a training organisation in providing industry relevant training to students. Students are exposed to various telecommunication equipment and testing meters.

Industrial visit organised for the ECE students to RTTC Mysore on 8<sup>th</sup> February 2021 provided an excellent opportunity for the aspiring engineering graduates and ME students to inculcate an interest and curiosity in telecom field

Signature of HOD

Signature of the Coordinator

## Objective of the Programme

- To provide students an insight regarding internal working of advanced telecommunication and networking systems.
- To provide students a practical perspective on the world of telecommunication.
- To provide students with an opportunity to learn practically through interaction, working methods and employment practices
- To combine theoretical knowledge gained in class with industrial knowledge.

## Details of the Event

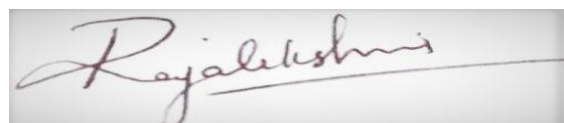
The Department of Electronics and Communication Engineering, NIR, Mysore organized a 1 days Industrial visit to BSNL RTTC, Mysore on 8<sup>th</sup> February, 2021, faculty and students from 7<sup>th</sup> Semester and 1<sup>st</sup> year ME students participated in the programme. The Students were accompanied by Dr.Rajalekshmi Kishore, Dr. Nagaraju, Dr.Yajunath Kaliyath and Miss.Shruthi.R , faculty members of ECE Dept. NIE, Mysore. College bus was arranged from college to RTTC Mysore and back to college. Mrs.Sunitha, Divisional Engineer, Telecom division., BSNL RTTC, Mysore coordinated the event and made all necessary arrangements for the visit.

Students were introduced to the following labs at RTTC,BSNL Mysore

- Optical Fibre Communication Lab
- Digital Switching Lab
- Wireless Communication Lab
- Data Communication Lab

The students were divided in to three groups and each group was engaged to different labs. Mr. Rakesh Midasala and Mr.Sathiskumar.S was faculty in charge of Optical fibre communication lab where they explained the working of OFC system, fibre splicing and various equipment used in OFC systems.

Signature of HOD



Signature of the Coordinator



Mr.D.Manjunatha was faculty in charge of digital switching lab who gave a brief idea about the switching process , BTS, frames and their working. Moreover, subscriber number generation and mapping to particular frame were also explained to the students.

Mr.B.Krishna co-ordinated the wireless communication lab where various mobile communication system was explained. Finally Mr.Guruprasad, faculty in charge of data communication lab explained about the networking part, the data rate and colour coding in cables etc.

Overall, by this Industrial Visit, students understood the importance of OFC, GSM operation, Broadband Operation, Call Switching and OFC Cable Splicing Types.

## Details of money spent

Amount collected from students: Rs.100 per person =  $100 \times 51 = \text{Rs.}5100$

Amount utilized from department budget Rs.272 per person =  $272 \times 51 = \text{Rs.}13,872$

Amount paid to RTTC BSNL =  $\text{Rs.}372 \times 51 = \text{Rs.}18,972$

Amount paid for college Bus =  $\text{Rs.}1200$

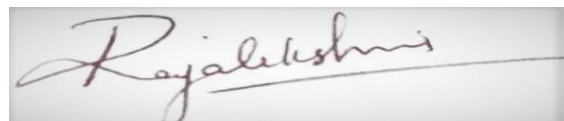
Total =  $18,972 + 1200$

=  $\text{Rs.}20,172$

## Outcome of the event

The students learned about the practical application and implementation of telecommunication systems. Moreover, a practical experience was gained on how mobile communication links are established, how transmission and reception happen in a mobile network etc. Overall, through this visit the students was able to bridge the gap between the theoretical concept conducted in class and practical application of those theoretical concepts.

Signature of HOD



Signature of the Coordinator