



**Bharat Sanchar Nigam Limited**  
**REGIONAL TELECOM TRAINING CENTRE (RTTC) GUWAHATI**  
**Wireless Compound Dharapur, Guwahati-781017 (Assam)**

**TERMS AND CONDITIONS OF VOCATIONAL TRAINING FOR ENGINEERING STUDENTS TO BE CONDUCTED IN SUMMER-2018**

1. **The Duration of the Training-** 15 Days/1 Month

2. **Dates of Commencement -**

[a] 15 Days (Vocational Training in Basic Telecom for CSE/ECE/IT/ELECTRONICS)

**19-05-2018 to 02-06-2018    01-06-2018 to 15-06-2018    15-06-2018 to 29-06-2018**

**29-06-2018 to 13-07-2018    13-07-2018 to 28-07-2018**

[b] 15 Days (Vocational Training in Basic Telecom for Civil)

**19-05-2018 to 02-06-2018    01-06-2018 to 15-06-2018    15-06-2018 to 29-06-2018**

**29-06-2018 to 13-07-2018    13-07-2018 to 28-07-2018**

[c] 15 Days (Vocational Training in Basic Telecom for Electrical)

**19-05-2018 to 02-06-2018    01-06-2018 to 15-06-2018    15-06-2018 to 29-06-2018**

**29-06-2018 to 13-07-2018    13-07-2018 to 28-07-2018**

[d] 1 Month (Vocational Training in Advanced Telecom CSE/ECE/IT/ELECTRONICS)

**14-05-2018 to 12-06-2018    01-06-2018 to 30-06-2018    13-06-2018 to 12-07-2018**

**02-07-2018 to 31-07-2018    12-07-2018 to 10-08-2018**

3. **Eligibility**

Name of the Course	Duration	Eligibility (Engineering Students)
VT in Basic Telecom	15 Days	3 <sup>rd</sup> Semester onwards
VT in Advanced Telecom	1 Month	3 <sup>rd</sup> Semester onwards

4. **Branches of Engineering (BE/B.Tech/Diploma)**

Telecommunication	Computer	IT	Electronics
Civil	Electrical	Or Equivalent as decided by BSNL	

5. **Venue of Training will be at** RTTC Guwahati, Dharapur Chariali, Guwahati

6. **Fees to be paid**

Course Fees	Course Duration	Remarks
<b>Rs. 4868.00</b>	15 Days	Per participant (see clause 27 of T & C)
<b>Rs. 9735.00</b>	1 Month	Per participant (see clause 27 of T & C)

7. **N.B.: (Discount of 10% will be given, if a group of 20 or more students from same college, registers for VT of same duration, through a single demand draft)**

7. **Mode of Payment of Fees-** The whole amount is to be paid in advance either in the form of A/C payee DD/Banker's Cheque/Pay order drawn in favour of **Sr. AO, RTTC Guwahati** payable at **Guwahati**.

**N.B.: 1. No personal cheque is accepted.**

**2. In case of Online registration, the DD must reach/submitted at RTTC Guwahati within 10 days of registration.**

8. **Last date of receipt of Application** - 10 days before the commencement of the Training for every batch or filling up of the seats, whichever is earlier.

9. **Application submission time-** 2 PM to 4 PM on all working days

10. **Stay arrangement-** Limited hostel facility is available at RTTC Guwahati to be provided on first come first serve basis. Rent has to be paid in advance. Only student will be allowed to stay in hostel.

**11. Mode of application-** The eligible candidates may apply either on-line or submit the filled up form in the specified format (available in the o/o the Principal RTTC Guwahati/Our website- [rttcguwahati.bsnl.co.in](http://rttcguwahati.bsnl.co.in)) along with the following **mandatory documents** -

a. <b>Recommendation letter</b> (addressed to Principal, RTTC Guwahati) in <b>Original</b> from competent authority of respective Institutes or <b>Undertaking</b> from student
b. Requisite fees for the training in the form of <b>Demand draft / Banker's Cheque / Pay order</b>
c. Photocopy of <b>Identity card</b> of student issued by the respective institute

**12. Address for Communication-**

**Principal, RTTC Guwahati,  
Wireless Compound, Dharapur, Guwahati-781017.**

**13. Total number of Seats-** 30 ( Thirty ) per Batch.

**14. Fees once paid cannot be refunded under any circumstances. Students are to ensure their eligibility before making payment of Fees.**

15. There is no provision for payment of stipend by BSNL for such trainings.

16. The candidates would not be allowed to handle any sophisticated/sensitive equipments of BSNL during the training period.

17. No leave is permissible during the training period.

18. Training would be conducted as per guidelines of BSNL only.

19. After successful completion of this training, candidates can't claim for jobs in BSNL.

20. For successful completion of training, RTTC Guwahati may conduct tests.

21. Mere fulfillment of eligibility and payment of fees does not guarantee the acceptance of candidature for the training.

22. Admissions would be on First-Come-First-Serve basis.

23. Candidates may also visit our website- [www.rttcguwahati.bsnl.co.in](http://www.rttcguwahati.bsnl.co.in) in this regard.

24. RTTC Guwahati does not allow its officers to sign in any attendance sheet/book/format of certificate supplied by any Institute.

25. Training of 15 days (22.5 hrs.)/1 Month (45 hrs.) will consist of 10 days/20 days theory & practical sessions respectively and in remaining period students will have to prepare training report. On the last day of training, completion certificate would be issued to the participants after submission of training report to the concerned batch in-charge.

75% Attendance is compulsory for receiving Certificate.

26. Principal RTTC Guwahati reserves the right to change any of the above terms and conditions without assigning any reason.

27. Terms and Conditions including fees may be revised if BSNL Corporate Office, New Delhi desires so at any time.

28. Contact Nos. :-

[1] D.Baishya, Asst. General Manager (Technical) : **9435599157**

[2] D.S.Sandhu, Asst. Director (Trg Mgt) : **9435599080**

[3] B.Deka, Asst. Director (Warden) : **9435000282**

### **Contents to be covered during Vocational Training in Basic Telecom**

Course Duration: 15 Days (22.5 Hrs. = 2.25 Hrs. Session Daily X 10 Days) + Training /Project report

Sl.No.	Contents
	<b>Transmission System</b>
1.	Characteristics of OF Cables
2.	Optical Fibre System (STM-1 & DWDM)
3.	Microwave, Satellite & DSPT
	<b>Switching System</b>
4.	Under Ground Cables (Color Codes/Cable Identification)
5.	Class-5 NGN Exchanges
	<b>Telecom Support Infrastructure</b>
6.	SMPS Power Plant & VRLA Batteries
7.	Earthing & Engine-Alternator
	<b>Mobile Communication</b>
8.	BTS & Antenna
9.	Field Visit to MSC(Mobile Switching Centre)
	<b>Broadband</b>
10.	Broadband Lab Visit
11.	CPE (Customer Premise Eqpt.) Configuration
	<b>Information Technology</b>
12.	VLAN
13.	Basic Router Configuration (Static & Dynamic)

### **Contents to be covered during Vocational Training in Advanced Telecom**

Course Duration: 1 Month (45 Hrs. = 2.25 Hrs. Session Daily X 20 Days) + Training /Project report

Sl.No.	Contents
	<b>Transmission System</b>
1.	Characteristics of OF Cables
2.	Optical cable Fibre Splicing
3.	Optical Fibre System (STM-1 & DWDM)
4.	Microwave, Satellite & DSPT
	<b>Switching System</b>
5.	C-DoT SBM (Subs. Number creation/Call between Subscribers)
6.	Under Ground Cables (Color Codes/Cable Identification)
7.	Class-5 NGN Exchanges
	<b>Telecom Support Infrastructure</b>
8.	SMPS Power Plant & VRLA Batteries
9.	Earthing & Engine-Alternator
	<b>Mobile Communication</b>
10.	BTS & Antenna
11.	Field Visit to MSC(Mobile Switching Centre)
	<b>Broadband</b>
12.	Broadband Lab Visit
13.	CPE (Customer Premise Eqpt.) Configuration
14.	DSLAM Configuration
	<b>Information Technology</b>
15.	VLAN
16.	Basic Router Configuration (Static & Dynamic)
17.	IP addressing IPv4 & IPv6
18.	HTTP/FTP/DNS Servers

**Contents to be covered during Summer Training in Basic Telecom for Civil & Electrical**

Course Duration: 15 Days (22.5 Hrs. = 2.25 Hrs. Session Daily X 10 Days)

Sl.No.	Contents
	<b>For Civil Engineering</b>
1.	Overview of Execution of building project – inception to handing over
2.	Estimation & Quantity Surveying
3.	Structural Design of RCC Building – Design Parameters & Codal Provisions
4.	Overview of Computer Aided Structural Design Through STAAD PRO
5.	Overview of CPWD Specifications
6.	Mandatory Tests as per CPWD Building Specifications
7.	Building Services (External/Internal) – Planning, Design & Execution of Water Supply
8.	Building Services (External/Internal) – Design & Execution of Sanitary Installation
9.	Design of Kitchen, Bathroom & Other facilities of Building
10.	Quality Control & Effective Inspection of Building Works
11.	Common Problems in Maintenance and Remedial Actions
12.	Precautions in Planning & Construction of Buildings for Minimal Maintenance
13.	Water Conservation & Rain Water Harvesting
14.	Rain Water Harvesting – Design Parameters
15.	Expansive Soil – Problems & Remedial Measures
	<b>For Electrical Engineering</b>
1.	Fire Detection system
2.	Engine & Alternator system
3.	Substation system
4.	Package AC system
5.	Electrical Installation works



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**FORMAT OF APPLICATION FOR VOCATIONAL TRAINING**

Course applied for (✓ Mark) Vocational Training in Basic Telecom (15 Days) / Advanced Telecom (1 Month)

Starting Date: \_\_\_\_\_

1. Name of the Applicant (in Block capitals) : \_\_\_\_\_

2. Date of Birth (DD-MM-YYYY) :   -   -

3. Name of the Engineering College/Institute : \_\_\_\_\_

4. Branch of Engineering : \_\_\_\_\_

5. Semester appeared / passed : \_\_\_\_\_

6. Name of Parent/Guardian : \_\_\_\_\_

7. Address for communication : \_\_\_\_\_

: \_\_\_\_\_

8. Mobile No. : \_\_\_\_\_

9. E-Mail id : \_\_\_\_\_

**10. Payment Particulars**

Payment Type	Name of the Bank	Branch	DD/Banker's Cheque No.	Date of Issue	Amount
Demand Draft / Banker's Cheque / Pay Order					

**Declaration**

I, Shri/Smt \_\_\_\_\_ do hereby declare that I have read all the terms and conditions carefully and accept them all in toto and further declare that the particulars submitted by me along with the application form are correct to the best of my knowledge. I/my son/daughter/ward shall abide by the rules and regulations of training of RTTC Guwahati.

Date-

( Signature of the Student / Parent / Guardian )

Tick (✓) Mark the documents Enclosed:-

1. Recommendation letter in original from respective Institute addressed to Principal, RTTC Guwahati/Undertaking from student.
2. DD/Banker's Cheque (see clauses 6 & 7 of Terms & conditions)
3. Photocopy of Identity card issued by the respective institute