

# Vocational Training # Basic Telecom

Netaji Subhas Chandra Bose Telecom Training Centre conducts following Vocational Training for the engineering students of B.Tech./M.Tech. / Diploma from the streams of Electronics & Communication, Computer Science, IT, Electrical, Electronics & Instrumentation of different engineering colleges by the experienced faculty having a lot of knowledge in installation and maintenance of telecommunication equipment.

**Mode of Training** : Sessions on Theory/Lab, Assignment, Evaluation, Certification.  
**Period** : Being conducted throughout the year as per requirement  
**Duration** : 2 Weeks, 15 Sessions  
**Duration of Session** : 1.5 Hour  
**Course Fee/Student** : **Rs. 4602** /- [In form of D.D. in favor of A.O (Cash), NSCBTTC, Kalyani Payable at SBI Kalyani (Code:1082)]

**Eligibility** : 2<sup>nd</sup> /3<sup>rd</sup> /4<sup>th</sup> year Student of Diploma/ Degree Engg. Student

## Topics covered:-

- Theory Session (Soft Copy of Course material in CD will be delivered to the students)
  1. Signaling in Tele communication
  2. Telecom Switching System & Services
  3. Optical Fiber Cable Overview
  4. PCM Principle and Higher Order Multiplexing
  5. Overview of Mobile Communication
  6. Cellular Concepts, GSM Network Architecture
  7. Mobile Internet Access-GPRS & EDGE
  8. Broadband Concept
- Practical Session
  1. CDOT Lab
  2. GSM Lab& Antenna Lab
  3. OFC Splicing, Connector and Couplers
  4. Fault Localization Using OTDR
  5. Battery and Power Plant Lab
  6. Transmission PDH Lab
  7. Broadband Lab

## Documents Required

1. Recommendation letter issued by respective college indicating the Name, Year & Branch of Engg. of the Student to:-  
The Deputy General Manager (Training)  
NSCBTTC, BSNL, Kalyani  
Dist: Nadia, PIN- 741235, WB.
2. Two copies Xerox of the Recommendation letter for each candidate.
3. One copy Xerox of the college Identity card of the student at the time of enrollment.
4. One passport size photo and one Xerox copy of the college Identity card of the student at the time of Training.
5. Demand Draft: In favor of A.O(Cash) , NSCBTTC, Kalyani, Payable at SBI Kalyani (Code-1082)

After Training appropriate certificate will be issued along with performance assessment by BSNL, NSCBTTC.

Venue: Netaji Subhas Chandra Bose Telecom Training Centre (Near Kalyani Simanta Railway Station)  
P.O : Kalyani , Dist : Nadia, WB PIN- 741235.

## Contact Persons:

Mr. Subash Sarker	(S D E / Faculty member)	9432000102
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Sri Lily Das	(Course Registration )	8902055435

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