Vocational Training # Advance 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: - (A) 2 Weeks, 23 Sessions (Duration of 1 Session = 1.5 Hour)

(B) 4 Weeks(Alternate Day) 23 Sessions (Duration of 1 Session = 1.5 Hour)

Course Fee/Student: - Rs. 6,900/-

[In form of DD in favor of A.O (Cash), BSNL, NSCBTTC Payable at SBI Kalyani (Code:1082)]

Eligibility: - 2nd/3rd/4th year Student of B.E/B.Tech & M.E/ M.Tech student.

Topics covered:-

- **Theory Session (Soft Copy of Course material in CD will be delivered to the students)**
  1. **Signaling in Telecommunication**
  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. **CDMA Concept**
  8. **Mobile Internet Access- GPRS ,EDGE & 3G**
  9. **Layered Architecture & TCP IP & IP Addressing**
  10. **Routing Protocols**
  11. **MPLS VPN**
  12. **Broadband Concept**
- Practical Session
  1. **CDOT Switch Lab**
  2. **EWSD/ OCB Switch Lab**
  3. **GSM Lab**
  4. **CDMA & Antenna Lab**
  5. **OFC Splicing, Connector and Couplers**
  6. **Fault Localization Using OTDR**
  7. **Battery and Power Plant Lab**
  8. **Transmission PDH Lab**
  9. **Broadband Lab & GPON Lab**
  10. **CCN 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 I card of the student at the time of Training.**
5. **Demand Draft: In favor of A.O(Cash) , BSNL, NSCBTTC. 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. Sanjib Ghosh (Faculty member); 9432212587
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