

## **Vocational Training in IP Networking & Cyber Security**

Netaji Subhash Chandra Bose Telecom Training Centre conducts Vocational Training in IP Networking & Cyber Security for the engineering students of B.Tech/M.Tech from the streams of Electronics & Communication, Computer Science,IT of different engineering colleges by the experienced faculty having lot of knowledge in installation and maintenance of telecom equipments

**Mode of Training:-** Sessions on Theory/Lab, Assignment, Evaluation&Certification

**Period:-** Being conducted throughout the year based on number of candidates

**Eligibility:-** Engineering students of B.Tech (2<sup>nd</sup>/3<sup>rd</sup>/4<sup>th</sup> year) /M.Tech(1<sup>st</sup>/2<sup>nd</sup> year) from the streams of Electronics & Communication, Computer Science,IT

**Duration :** 4 Weeks (23 sessions of 1.5 Hour each and 2 sessions/day, normally training in alternate day)

**Course Fee/Student:** Rs7,080/-(Including GST of 18%), Demand Draft to be drawn in favour of A.O(Cash),BSNL,NSCBTTC,Kalyani payable at SBI,Kalyani(Code:1082)

### **Topics Covered:**

Theory Session 1) Networking Concept,TCP/IP Model,Network Architecture & Topology,Networking Components 2)IPV4 Addressing,Subnetting,Super Netting 3)IPV6 Addressing 4)LAN 5)VLAN principle 5) DHCP Server 6)DNS Concept 7) Information Security Concept 8) Firewall Concept etc.

Lab Session: 1) Identification of Network Components 2) LAN Setup & Trouble Shooting 3) VLAN configuration in Switch 4) Basic configuration of Router 5) Configuration of Static & Dynamic Routing 6) Wi-Fi Configuration 7) DHCP Service Configuration 8) Configuration of DNS Server 9) Implementing Security using Firewall etc.

**Documents Required at the time of Registration :** 1) Request Letter from concerned authority of the respective college and addressed to DGM(Training),NSCBTTC,BSNL,Kalyani indicating the name,branch,semester of the candidates(Original) and one Xerox copy 2) Demand Draft of Rs 7,080/- to be drawn in favour of A.O(Cash),BSNL,NSCBTTC,Kalyani payable at SBI,Kalyani(Code:1082)

**Documents Required at the time of join in the training:** 1) One Passport size Photo 2)One Xerox copy of college identity Card with self authentication 3) One Xerox copy of Aadhaar Card with self authentication 4)Original copy of receipt of Demand Draft by NSCBTTC,Kalyani