

BSNL CERTIFIED VOCATIONAL TRAINING TO ENGINEERING STUDENTS CONDUCTED



BY BSNL AT RTTC PUNE



Opportunity to the Engineering students to Utilise their Semester Vacation in the training conducted by the BSNL

BSNL RTTC PUNE has already conducted AICTE sponsored Training Programms for first ten toppers from most of the Top Engineering Institutes in pune city area for E& TC/Comp/ IT branch which has benefited the students in attracting better Employment opportunities

Now this same Training conducted by BSNL RTTC PUNE is available to all willing students of SE, TE, BE, E&TC/Comp/IT

Training batches starting from 21/5/2018, 28/5/2018, 4/6/2018, 11/6/2018 & 18/6/2018

For More details/information call: 020-27370751, 27370022, 9028710202

[website & Link for the Registration](#)

<http://www.maharashtra.bsnl.co.in/ssa/RTTCPune/index.htm>

Training program	Actual Duration of Training program	Certification of duration
Training in Basic Telecomm	5 days (12 sessions)	2 Weeks
Training in Basic Networking	5 days (12 sessions)	2 Weeks
Training in Advance telecomm	8 days (24 Sessions)	4 Weeks
Training in Advance Networking	8 days (24 Sessions)	4 Weeks

Features of the Training Program

1. Highly field Experienced BSNL Faculties
2. Practical and field oriented focus in telecommunication & Network Engineering
3. Certificate from BSNL training Centre (Govt. of India Undertaking)
4. Visits to different sections of Live Equipments in telecomm technology
5. flexible duration of training (Weekend batches will also be formed in semester)
6. Hostel & Mess will be available on Nominal Charges (if required)
7. Special Session on Govt. Exams Guidance (PSUs including BSNL)
8. Engg. Institutes/Departments also may contact for the separate batches

Address:-

Regional Telecom Training Centre (RTTC)
Plot No.121/122, G Block, MIDC Chinchwad
KSB Chowk,Chinchwad Pune-19



BSNL RTTC PUNE

Fee structure for Training Programs

Sr. No	Training program	Duration of Training program	Fee for the Training program per student	Certification
1	Training in Basic Telecom	5 days (12 sessions)	Rs. 3000/- (Plus 18% G.S.T)=Rs 3540/-	2 Weeks
2	Training in Basic Networking	5 days (12 sessions)	Rs. 3000/- (Plus 18% G.S.T)=Rs 3540/-	2 Weeks
3	Training in Advance Telecom	8 days (24 Sessions)	Rs 6000/- (Plus 18% G.S.T)=Rs 7080/-	4 Weeks
4	Training in Advance Networking	8 days (24 Sessions)	Rs 6000/- (Plus 18% G.S.T)=Rs 7080/-	4 Weeks

Lodging, Boarding is not covered in the fee of the course.

Lodging is subject to availability. (Approx Rs.25/- per day)(Per trainee)(in cash)

Boarding (Mess) Appro .Rs. 173/- +G.S.T. per day package(Per trainee).(in cash)

Two Passport size Photograph of each student is required.

Note:- 1. Fees to be paid in the form of DD which should be draned in favour of "AO Cash BSNL Pune"(fees can be accepted through NEFT for group of more than 15 students)

2. for an individuals, DD should be drawn in favour of "AO Cash BSNL Pune"

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Course contents

Vocational training in Basic Level Computer Networking

Registration & Joining	OSI MODEL & TCP/IP , Networking Basics	Practical- Networking Devices, Router/switches, Cables, Connectors & Crimping Cross & straight Cables
Ethernet and L-2 Addressing	IP Addressing and Subnetting	Practical on Network simulator & Example solving of IP Addressing and Subnetting
Switching Concepts	Practical on VLAN Configuration & VTP, inter VLAN Routing	
Practical on Configuration of ADSL Modem	Routing Concepts	Practical on Static & Dynamic routing RIP, OSPF
Web Servers FTP, HTTP, Proxy, DHCP	Practical on FTP , HTTP , DHCP & Visit to DSLAM	
		Exam & Releiving

Vocational training in Basic Level Telecomm

Theory		Practicals/Visits	
Overview of Telecommunication Networks – I	Network architecture Local and trunk network	OCB Telephone Exchange, MDF,Pillar and DP, Battery & Power plant	
	Call Routing		
	CAS and CCS#7 signalling		
	Principles & Working of Battery & Power Plant		
	A typical telephone exchange		
Transmission	Overview of Digital transmission	O.F Cables and Systems Labs, Transmission systems-PDH,SDH,DWDM	
	Fibre Used in Telecommunication & Their Characteristics		
	SDH,DWDM		
	OF Transmission Systems & Their Features		
Broadband and DSL Technologies	Broadband ,DSL Technologies	Broad band working stations (DSLAM)	
	Broadband services		
Mobile Communication	Cellular & GSM principle	GSM BTS (2G & 3G) (Exam & Releiving)	
	Network architecture		
CDMA Technology	CDMA Principles		
	Network Architecture		
	Call Processing & handover		

Vocational training in Advance Level Computer Networking

Registration & Joining	OSI MODEL & TCP/IP, Networking Basics	Practical- Networking Devices, Router/switches, Cables, Connectors & Crimping Cross & straight Cables	
Ethernet and L-2 Addressing	IP Addressing and Subnetting	Prctical on Network simulator & Example solving of IP Addressing and Subnetting	
Switching Concepts	Practical on VLAN Configuration & VTP	Practical on inter VLAN Routing	Broadband & Access Network
Practical on Configuration of ADSL Modem	Routing Concepts	Practical: Router Configuration, Static & Dynamic routing RIP V1 & V2	
Web Servers FTP, HTTP, Proxy, DHCP	Pratical on FTP , HTTP , DHCP	Visit to DSLAM	Intoduction to MPLS VPN
Intro to STP	Practical on STP & RSTP		Visit to National Internet Backbone Disaster Recovery
Overview of OSPF	OSPF LSA Types	Practical on OSPF Routing	
IPv6 Overview and Concept	IPv6 Addressing	Practical on IPv6 Configuration	Exam & Releiving

Vocational training in Advanced Telecomm

Theory		Practicals/Visits
Overview of Telecommunication Networks – I	Network architecture Local and trunk network	OCB Telephone Exchange, C-DOT Telephone Exchange, MDF,Pillar and DP, Battery & Power plant
	Call Routing	
	CAS and CCS#7 signalling	
	Digital Switching Principles	
	Intelligent Network Architecture and IN services	
	ISDN	
	Principles & Working of Battery & Power Plant	
Transmission	A typical telephone exchange	O.F Cables and Systems Labs, Transmission systems-PDH,SDH,DWDM
	Overview of Digital transmission	
	Fibre Used in Telecommunication & Their Characteristics	
	OF Transmission Systems & Their Features	
Broadband and DSL Technologies	Concepts of SDH and DWDM	Broad band working stations (DSLAM)
	Broadband ,DSL Technologies	
Mobile Communication	Broadband services	GSM BTS(2G&3G), GSM BSC,GMSC, Mobile Infra.
	Cellular & GSM principle	
	GSM & GSM Principles	
CDMA Technology	Call Processing	GSM BTS(2G&3G), GSM BSC,GMSC, Mobile Infra.
	CDMA Principles	
	Network Architecture	
Corporate networks	Call Processing & handover and EVDO	Visit to National Internet Backbone Centre (Exam & Relieving)
	WiMAX & WiFi	
	MPLS VPN	
	Next Generation Networks (NGN)	

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