

Network Administration

Certificate Course in Network Administration

Duration: - 6 Weeks (90 Hours)

Batch Size: 30

6 Weeks In-Campus Course

Medium of Instruction: Bilingual (English & Hindi)

Objective

Certificate Course in Network Administration aims to groom the students to enable them to work on current network technology scenarios as well as prepare them to keep pace with the changing face of network technology and the requirements of the growing IT industry. After the completion of the course, students can work as Network Administrator / Network Support and associated service sectors

Prerequisites

10+2 qualified with Basic Knowledge of Computers

Candidate must have knowledge of Computers & Programming Language

Certificate

Rs. 7080/- incl. GST & all other charges.

Certificate will be provided to the participants, based on minimum 75% attendance and on performance (minimum 50% marks) in the online test, conducted at the end of the course.

How to Apply?

- ✓ Instructor-led offline classes.
- ✓ Instructor-led hands-on lab sessions.
- ✓ Content Access through e-Learning portal.
- ✓ Assessment and Certification

Step-1: Read the course structure & course requirements carefully.

Step-2: Visit the Registration portal (<https://regn.nielitvte.edu.in/>) and click on apply button.

Step-3: Create your login credentials and fill up all the details, see the preview and submit the form.

Step-4: Login with your credentials to verify the mobile number, email ID and then upload the documents, Lock the profile and Pay the Fees online, using ATM-Debit Card / Credit Card / Internet Banking / UPI etc.

Eligibility

Course Fees

Methodology

Course Content

Day	Topic	Day	Topic	Day	Topic
Day #01	What is Personal computer hardware	Day #02	What is Operating Systems and its functions	Day #03	Network Configuration with Windows and Linux
Day #04	Basic Network and OSI Network Layer	Day #05	Network Media and Devices	Day #06	LAN Cables(Straight through cable and Cross Over Cable)
Day #07	Addressing the Network-IPv4 and intro of IPv6	Day #08	Network Services like DNS, DHCP, FTP, Telnet, HTTP, Mail	Day #09	Wireless Technologies Wireless Transmission, Microwave, Radio Waves and their respective connectors
Day #10	Configuration of Wireless router with WEP and WPA	Day #11	Basic Network Security types of Attack and their remedies	Day #12	The Internet and its uses, Structure of Internet
Day #13	Connecting to the internet through an ISP	Day #14	Planning the addressing structure, Subnetting, Classful	Day #15	Configuring network devices, Out-of-band, In-band
Day #16	Switching in an enterprise Network(VLAN and VTP)	Day #17	STP, Intr-VLAN Routing	Day #18	Addressing in an enterprise Network(VLSM,CIDR,NA T)
Day #19	What is Routing, Types of Routing	Day #20	Configuration of Static Routing	Day #21	Routing with a link-state protocol
Day #22	Routing with Distance Vector Protocol	Day #23	Filtering traffic using Access Control Lists	Day #24	Troubleshooting your network
Day #25	Gathering Network requirements	Day #26	Characterizing the existing network	Day #27	Identifying Application Impacts on Network Design
Day #28	Creating a Network Design with IP address	Day #29	Prototyping the campus Network	Day #30	Prototyping the WAN

Course Coordinator

Sh. Abhinav Mishra (JD-T)
NIELIT Gorakhpur
Email: abhinav@nielit.gov.in
Mobile Number: +91-8317093868

Sh. Pawan Verma (S.T.O.)
NIELIT Lucknow
Email: pawan@nielit.gov.in
Mobile Number: +91-7706009310

CLICK HERE FOR REGISTRATION

INDUSTRY CENTER OF EXCELLENCE



**National Institute of Electronics &
Information Technology (NIELIT), Gorakhpur,
Uttar Pradesh**

in association with



052006211015424



EduSkills

Nation Building Through Skills



Indian Society for
Technical Education