

National Institute of Electronics and Information Technology Gorakhpur

Name of Group: IT Division

Name of Course: DATA COMMUNICATION (ROUTING & SWITCHING) & SECURITY TECHNOLOGIES - A PRACTICAL APPROACH

Objective:

This training covers the syllabus of Cisco Certified Network Associate (CCNA) Exam and tests a candidate's knowledge and skills required installing, operating, and troubleshooting a small to medium size enterprise branch network. The topics include connecting to a WAN; implementing network security; network types; network media; routing and switching fundamentals; the TCP/IP and OSI models; IP addressing; WAN technologies; operating and configuring IOS devices; extending switched networks with VLANs; determining IP routes; managing IP traffic with access lists etc..

Duration: 4 Weeks

Eligibility: B.TECH. (CS/IT/EC) or MCA/M.Sc. (IT/CS/ Electronics), BCA /PGDCA, Diploma in Computer /Electronics Stream, B.Sc. or B.A, A/B/C Level, Working Professional. Basic knowledge of computing is desirable

Course Fees (Proposed): Rs. 1000/- per week (+ GST)

Registration Process: Candidates have to apply in prescribed application form. The forms can be collected from NIELIT Gorakhpur centre or can be downloaded from the NIELIT Gorakhpur website. The duly filled form along with the course fees has to be submitted at NIELIT Gorakhpur centre. The Fees deposited is Non-Refundable.

Course Content:

Modules:	Duration	Contents
Module 1	4 Week	Introduction to intranetworking and broadcast domain, Internet Protocols, subnetting, Introduction to Cisco IOS, IP Routing, routing protocols, EIGRP & OSPF, Switching Basics, V Lan's, managing traffics with Access List, NAT & PAT, ISM Band802.11 a/b/g wireless Standards, MAC Filtering, WLAN, Security in WLAN

- * There will be 3 Hours Session per day.
- * These sessions will include Theory Classes, Demo and Practical.

Mode of Payment: Fees can be paid either by swiping debit/credit card or by challan.

For any queries and more details please contact Md. Yousuf (8317093886)