Certificate Course in Network Administration

Objective of the Course:

By the end of the course, students will be able to describe and execute network administrator duties and utilities. They will know how to implement server organisation, user rights, user addition, maintenance of security and user accounting.

Learning Outcomes:

Demonstrate understanding of how computers communicate with each other and the methods employed to ensure that the communication is reliable.

Expected Job Roles:

Network Technician

Duration of the Course (in hours)	80 hrs
Appr. Fees (INR):	Rs.4000/-
Minimum Eligibility Criteria and pre-requisites, if any	10(+2stage) with Computer background

Outline of Course

S. No	Topic	Minimum No. of Hours
1.	Introduction to Computer Networks	2 hrs
2.	Networking Hardware	5 hrs
3.	Computer topology	3 hrs
4.	Network protocol	3 hrs
5.	Network Configuration	6 hrs
6.	Networks Models	6 hrs
7.	Types of networks	5 hrs
8.	Transmission medias	3 hrs
9.	Basic addressing	4 hrs
10.	Server installation	4 hrs
11.	Basic network troubleshooting	9 hrs
	Theory / Lecture Hours:	50 hrs
	Practical / Tutorial / Lecture Hours:	30 hrs
	Total Hours:	80 hrs

Books recommended for reference and reading:	The Practice of system & Network Administration 2nd edition by Thomas Limoncelli

Group Code:	HDNT	**Group Name:**	Hardware and Networking
Course Code:	CT02	**Course Name:**	Certificate Course in Network Administration