Certificate Course in System Administration using Unix

Objective of the Course:

On completion of this course you should be able to:
- Understand the role and responsibilities of a Unix system administrator
- Install and configure the Linux operating system
- Manage the resources and security of a computer running Linux at a basic level
- Make effective use of Unix utilities, and scripting languages
- Configure and mange simple TCP/IP network services on a Linux system

Learning Outcomes:

After completing this course, students will be able carry the duties of a Unix system administer. Students will learn to do file processing, process management, IO management, queues management, networking, storage backup, account management, proper system start-up and shutting down, as well as other tasks.

Duration of the Course (in hours)	80 hrs

Appr. Fees (INR):   Rs.8000/-

Minimum Eligibility Criteria and pre-requisites, if any	10 + 2 pass with knowledge in computer OS.

Outline of Course

S. No	Topic	Minimum No. of Hours
1.	Commands	4 hrs
2.	Shell & AWK Programming	8 hrs
3.	User administration	4 hrs
4.	File system administration	6 hrs
5.	Disk Quota administration	6 hrs
6.	Network administration	8 hrs
7.	Introduction to mail and file server.	4 hrs
	Theory / Lecture Hours:	40 hrs
	Practical / Tutorial / Lecture Hours:	40 hrs
	Total Hours:	80 hrs

Books recommended for reference and reading: The Design of Unix Operating System(Prentice Hall Software Series)

Group Code: SADM   **Group Name:**   System Administration

Course Code: CT01   **Course Name:**   Certificate Course in System Administration using Unix