

H. N. G. University , Patan
M.Sc.(CA & IT) – Semester - V
505: Advance Operating System

Unit: 1 **[25%]**

Introduction to Operating System Administration

What is system administration?
Preliminary Tasks Of System Administrator
Managing User Logins
Monitor System Activity And Security

Solaris Administration

Introduction To Solaris System Administration
User and Group Management

Unit: 2 **[25%]**

UNIX Designing

Introduction to the Kernel
The Structure of Processes
Process Control

Unit: 3 **[25%]**

UNIX Administration

Rootly Powers
Controlling Processes
Adding New Users
Periodic Processes
Backups
Using other archiving Programs
Network Management And Debugging
Security
Web Hosting And Internet Services
Policy And Politics
Daemons

Unit: 4 **[25%]**

Linux Administration

Rootly Powers
Controlling Processes
Adding New Users
Periodic Processes
Backups
Using other archiving Programs
Network Management And Debugging
Security
Web Hosting And Internet Services
Policy And Politics
Daemons

Text Books :-

1. The Design Of Unix Operating System
By: Batch Publication: Pearson Education Asia
2. Unix System Administration Hand Book
By: Evi Nemeth, Garth Snyder, Scott Seebass, Trent R. Hein
Publication: Low Price Edition (Pearson Education Asia)
3. Linux System Administration Hand Book
By: Evi Nemeth, Garth Snyder, Scott Seebass, Trent R. Hein
Edition: Low Price Edition (Pearson Education Asia)
4. The Complete Reference Solaris 9
By: Paul Watters
Publication: TATA McGraw-Hill