

**MAJOR BASED ELECTIVE – II - LINUX ADMINISTRATION**

**UNIT I**

Linux Introduction and Installation: Linux-Advantages-Red Hat Linux-New Features-Installation procedures and Methods. Using Desktop-GNOME-KDE-Linux Commands Accessing and Running Applications

**UNIT II**

Installing Red Hat Linux Applications, Running Window Application, Running Window, DOS and Macintosh Applications –Tools for using Internet and Web.

**UNIT III**

Administration: Understanding System Administration: Root login-super user-GUI tools, commands and Log files-Configuring Hardware-File System and Disk Management-Monitoring performances.

**UNIT IV**

Setting Up and Supporting users: Creating user accounts – Setting user defaults – Creating Desktops-Modifying and Deleting Accounts.

**UNIT V**

Security Issues: Hacker versus Cracker-Password Protection- Protection from break-in-Filtering Network Access-Firewalls-Detecting Instructions – Encryption techniques

**BOOK(S) FOR STUDY**

1. Christopher Negus “Red Hat Linux 9 Bible”, WILEY- Dreamtech India Pvt.Ltd, New Delhi, First Edition, 2003

**BOOK(S) FOR REFERENCE**

- 1.Thomas Schenk, “Red Hat Linux System Administration”, Techmedia, New Delhi, 2003.