MAJOR BASED ELECTIVE – III - 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.