

SARDAR PATEL UNIVERSITY
Programme & Subject: Master of E-Business (M.Eb)
Semester: I
Syllabus with Effect from: June-2010

Paper Code: PM01EMEB05	Total Credit: 4
Title Of Paper: Fundamentals of Operating Systems	

Unit	Description in Detail	Weightage (%)
I	The Operating System & User Interface: Role of Software – Types of Software – Introduction to Operating Systems – Functions of Operating Systems – Types of Operating Systems – User Interface: Command Line & Graphical – Running Programs – Organizing Files & Folders – Managing Hardware	25%
II	PC Operating Systems Overview of: UNIX – DOS – The Macintosh Operating Systems – Windows 3.X – OS/2 Warp – Windows NT – Windows 9X – Windows 2000 – Windows XP – Windows Vista – Windows 7 – Linux – Embedded Operating Systems – Server Operating Systems	25%
III	Windows: Classification of Windows Operating Systems – Features of Windows Server Operating Systems – Architecture of Windows OS – Workgroups, Domains and Active Directory – What is Active Directory – Understanding the Structure of Active Directory – Overview of Installation Process of Windows OS – File Systems supported by Windows – Managing Users & Groups – Group Policy	25%
IV	Advanced Windows & Linux Sharing, Securing and Accessing Files and Folders – Managing Printing – Backup and Recovery – Introduction to Linux Operating System & History - Features of Linux - Introduction to File System & Memory Management - Basic Commands: login, logout, date, man, pwd, who, whoami, dir, ls, cd, mkdir, rmdir and other important commands.	25%

Basic Text & Reference Books:-

- Introduction to Computers: By Peter Norton
- Windows 2000 MCSE Study System: By Alan Carter
- Linux Commands Instant Reference: By Pfaffenberger BPB Publication

