SARDAR PATEL UNIVERSITY
Programme & Subject: BBA (Information Technology Management)
Semester: VIII
Syllabus with effect from: June-2014
(Batch-2011)

Paper Code: UM08CBBI01	Total Credit: 3
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	**Overview of Different 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: Windows 2000 Advanced Server, Windows 2003 Server, Windows 2008 Server, Windows 2012 Server – Linux and different types of Linux OS	25%
III	**Windows Operating Systems** 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 – File Systems supported by Windows – Managing Users & Groups	25%
IV	**Advanced Windows & Linux Operating Systems** 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