

SARDAR PATEL UNIVERSITY
Programme: BBA (Information Systems Management)
Semester: VI
Syllabus with effect from: DECEMBER 2013

Paper Code: UM06CBBS02	Total Credits: 3
Title Of Paper: Data Communication and Computer Network - II	

Unit	Description in detail	Weightage (%)
1	Fundamental and Connecting LANS: Ethernet: Layers –MAC Layer, Physical Layer-10 Mbps Implementation Token Ring: MAC Layer, Physical Layer-Ring Management	25 %
2	Wireless and ATM LANS ATM LANS-Architecture-LANE-LANE Operation-Frame Format Wireless LANS-Wireless Transmission –ISM Frequency Band-Architecture	25 %
3	TCP/IP and IP Addressing Overview of TCP/IP-Network Layer-other protocol IP Addressing Scheme-Class A, B, C, D, E Addressing-Subnetting-custom subnetting	25 %
4	Transport Layer Protocol and IPV6 Transport layer –DHCP-Next Generation: IPV6 and ICMV6 Other protocol: TELNET-HTTP-SMTP Data Encryption Terms: Data Encryption, Conventional Methods, Authentication	25 %

Basic Text & Reference Books:

- Local Area Network-Behrouz A Forouzan,Tata McGraw-Hill Edition.
- Data communication and Networking- Behrouz A Forouzan,Tata McGraw-Hill Edition.

