

Internet Technologies

T.Y. B.Sc. (IT) : Sem. VI

EVALUATION SYSTEM

	Time	Marks
Theory Exam	2½ Hrs.	75
Practical Exam	–	50
Theory Internal	–	25

SYLLABUS

- Unit - I Introduction:** OSI Model, TCP/IP Protocol Suite, IPV 4 Addresses and Protocol and IPV 6 Addresses and Protocol.
- Unit - II** Address Resolution Protocol (ARP), Internet Control Message Protocol Version 4 (ICMPv4), Mobile IP, Unicast Routing Protocols (RIP, OSPF and BGP)
- Unit - III** User Datagram Protocol (UDP), Transmission Control Protocol (TCP)
- Unit - IV** Stream Control Transmission Protocol (SCTP), Host Configuration: DHCP, Domain Name System (DNS)
- Unit - V Remote Login:** TELNET and SSH, File Transfer: FTP and TFTP ; World Wide Web and HTTP,
- Unit - VI Electronic Mail:** SMTP, POP, IMAP and MIME, Multimedia

