

5197 - WEB TECHNOLOGY										
Teaching Schedule Per Week			Progressive Assessment		Examination Schedule (Marks)					
Lectures	Practical	Credits			Theory		Practical Ex.		Total	
3	2	5	25	25	3 Hrs.	100	50		200	
Pre-requisite		Source	Semester	Theory	Test	Total	TW	PR	Gr Total	
Nil		COM		75	25	100	50	50	200	

COURSE CONTENTS		Hrs	Mks
1. TCP/IP, SLIP & PPP	TCP/IP and the Internet, TCP/IP Protocol Architecture. Addressing, Routing & Multiplexing, The IP address, subnets, Routing table, Address resolution, protocols ports & sockets. TCP/IP gateways & hosts, Internet datagram, ICMP, Domain name system, Internet naming structure, Domain Server, TCP/IP commands, SLIP, PPP.	10	18
2. ELECTRONIC MAIL	Mail transfer Protocol, POP shared file v/s Client server approach, Electronic mail overview, Internet E-mail Addresses, SMTP, X 400.	8	18
3. THE WORLD WIDE WEB	WWW topologies, Web browsers, Web Browser design, client server architecture, internet resources, Universal resource, resource locators (URLs) Universal resource identifier, intranet, HTTP.	8	18
4. HTML	Link, Lists, Colours, Background images, Displaying images, Anchors, Tables, CGI Script, Forms, Multimedia.	8	18
5. JAVA SCRIPT	Java script, Values, Variable and literal expressions and operators, Java Scripts Operators, Java script Statements, condition Statements, LOOP, Comment, Functions Objects and properties, Document objects, Event handling, Window Objects, Object Manipulation statement and operators.	8	18
6. E- COMMERCE	Business on the Net, Transaction Methodologies, Digital Cash, Electronic Wallet; Net Security.	6	10
Total		48	100

REFERENCE BOOKS:

1. Mastering the internet by William Buchanam
2. TCP/IP & related Protocols by U. Black.
3. Internet working with TCP/IP by Douglas E. Comer.
4. Internet Programming by Kris Jasma & Kenlope.

