

SARDAR PATEL UNIVERSITY
Programme & Subject: B.Sc (Computer Science)
Semester: VI

Syllabus with Effect from: November/December-2013

Paper Code: US06CCSC03		Total Credit: 3
Title Of Paper: Web Designing & Applications		
Unit	Description in detail	Weighting (%)
I	The Internet and Features of Popular Internet Browsers Introduction to the Internet History of the Internet Services provided by the Internet Some basic terminology and concepts (WWW, URL, webpage, web site, web servers, web browsers, HTML, search engines, etc.) Components of a browser window Use of menus and toolbar buttons History and navigation Setting basic options, security and privacy precautions Managing bookmarks/favorites Tabbed browsing, downloading files, saving web pages for offline reading	25%
II	Web Page Designing, Frames and Forms An introduction to HTML HTML tags Structure of an HTML document Text and paragraph formatting Ordered and unordered lists, nested lists HTML tables Links Images Frames, framesets, nested framesets Designing HTML forms Webpage layout	25%
III	Client side scripting Introduction to client side scripting Example of client side scripting Importance and data validation Control structure Event handling	25%
IV	Server side Scripting Introduction to serverside scripting Need of server side scripting Intoduction to objects:application,session Cookies, Connectivity with Database Connection,recordset,request,response Methods of objects	25%

Basic Text & Reference Books:-

- Ivan Bayross, “Web Enabled Commercial Applications Development using HTML, DHTML, Javascript, Perl CGI”, BPB, 2004
- Douglas E Comer: The Internet, PHI, Second Edition,May 2000
- Xavier C : World Wide Web Design With HTML, Tata McGraw Hill Publication, 2000
- Manuals of suitable packages

