

SARDAR PATEL UNIVERSITY
B.Sc. Information Technology
IV Semester
Syllabus with Effect from: June-2012
Course Code : US04CINT02
Web Designing and Application

Credits : 3
Lectures per week : 3
University Exam Duration : 3 Hours

Unit 1: The Internet

- 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.)
- **Features of Popular Internet Browsers**
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

Unit2: Web Page Designing-I

- An introduction to HTML
- HTML tags
- Structure of an HTML document
- Text and paragraph formatting
- Ordered and unordered lists, nested lists
- Links

Unit 3: Web Page Designing-II

- HTML tables
- Images
- Frames, framesets, nested framesets
- Designing HTML forms
- Webpage layout [*Design examples from books 1 & 3*]
(*frameset, frame, a – target, form, input[text, password, radio, checkbox, button, submit, reset], textarea, select[option]*)

Unit 4 Client side Scripting

- Introduction to client side scripting
- Example of client side scripting
- Importance and data validation
- Control structure
- Event handling
- Dialog boxes

Books:

1. Ivan Bayross, “Web enabled Commercial Application Development using HTML, DHTML, Java script, perl CGI” BPB 2004
2. Douglas E Comer: The Internet, PHI, Second Edition May 2000
3. Xavier C: World Wide Web Design with HTML, Tata Mcgraw hill publication 2000