

SARDAR PATEL UNIVERSITY
Vallabh Vidyanagar
Bachelor of Computer Application
Semester – I
US01CBCA23 : Web Application Development – I
(w.e.f June 2018)

Credits : 4

Lectures per week : 4

All units carry equal weightage.

Unit - 1 Web Page Designing - I

Introduction to Internet & Services provided by the Internet (eMail, HTTP, FTP, Telnet, WWW) , Some basic terminology and concepts (URL, webpage, web site, web servers, web browsers, search engines), An Introduction to HTML, HTML tags, Structure of an HTML document, Text and paragraph formatting, Ordered and Unordered lists, Hyperlinks, Images

Unit - 2 Web Page Designing – II

HTML tables, Frames, Framesets, Designing HTML forms, Multimedia tags, Advance Elements of HTML5: !Doctype, meta, Input Controls (number, date, time, calendar, ranges), Multimedia tags (<audio>, <video>).

Unit - 3 DHTML & Cascading Style Sheets

Introduction to DHTML, Applications of DHTML, Components of DHTML, Introduction to Cascading Style Sheets (CSS), Ways of specifying style – inline, internal, external, Basic Syntaxes, ID and CLASS selectors, SPAN, DIV.

Unit - 4 Advanced Cascading Style Sheets

Fonts, Color, Background, Text, Border, Lists, Layers, Margin, Links, Position.

References Books:

1. **Ivan Bayross**, “Web Enabled Commercial Applications Development using HTML, DHTML, Javascript, 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.
4. **Eric Meyer**: Cascading Style Sheets – The Definitive Guide, O’Reilly – SPD, First Edition, 2000.
5. HTML 5 for Web Designers (By: Jeremy Keith) – [http:// freepdf-books.com](http://freepdf-books.com)
6. Manuals of suitable packages
7. **Faithe Wempen** “Step by Step HTML5”, PHI
8. **Thomas A. Powell**, HTML & CSS: The Complete Reference, Fifth Edition, Tata McGraw-Hill