

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT
M.Sc. (I.T.) [Five Year Integrated Course]
B.Sc. (Information Technology)
Semester IV

Paper No : 404

L: 4, T:0, P:0 Hrs

Paper Title : Web application Development Techniques – I

1. Introduction WWW and Internet

World Wide Web Consortium, W3C Charter and its work,
Web Hosting
Internet Domains, Internet Servers, IP addressing
Web Server and Web Browsers

2. Introduction to HTML

HTML Structure
Document Head, Document Body, Title and Footer

3. Text Formatting

Paragraph breaks, Line breaks, Bold, Italics, Underline, Spacing,
Heading style, Line breaks

4. Links

External, Internal, Image as Hyperlink, Image Maps

5. Tables

Header, Data rows, and Caption, Width and Border, CELLPADDING,
CELLSPACING, BGCOLOR, COLSPAN, ROWSPAN

6. Forms

Text, Button, Radio, Checkbox, Password, Hidden, Button, Textarea, Label,
Submit and Reset, Tab Navigation, Access Keys

7. Frames

FRAMESET, FRAME, Targeting named frames, Communicating between
Frames, Inline Frames

8. Embedding Object

OBJECT tag, Adding dynamic content with OBJECT

9. Cascading Style Sheet (CSS)

Style Sheet Types, Linked, Embedded, Inline, Style Sheet Precedence,
Style Sheet Syntax, Using Classes, Using Media Types, Font Control,
Text Control, Color and Background, List Box Control, Miscellaneous
Properties, Defining Aural Style Sheets, Controlling Position with CSS,
Box Model, Margin and Padding Properties, Border Properties, Tables,
Absolute versus Relative Properties, Pages Media

10. Layering

Controlling visibility and Stacking order, Z-index property, Visibility property

11. HTML Editors (FrontPage, Visual Interdev)

12. Flash

Flash Interface, Menus and Settings ,Drawing and Painting , Creating and using symbols, Text, Layers, Timelines, Graphics, Animation and Sound Exporting and Publishing Movies

Main Readings:

1. The complete Reference HTML – Thomas – TMH
2. HTML 4 Unleashed – Rick - SAMS
3. Flash 5 Bible – Robert – IDG

Supplementary Readings:

1. Microsoft Frontpage 2000 - T. J. O'Leary - TMH
2. Microsoft Frontpage 2000 24 Hours - Roger C. - Techmedia
3. HTML 4 – Rick - SAMS
4. Web Publishing with HTML 4 in 21 Days – Laura – SAMS