

**VEER NARMAD SOUTH GUJARAT UNIVERSITY – SURAT**  
**Bachelor of Computer Application (B.C.A) 2<sup>nd</sup> Year**  
**Syllabus (As Per CBCS)**

**S. Y. B. C. A. Semester 4**  
**Effective From: June-2012**

**Paper No.: 405**

**Paper Title: WEB DESIGNING**

**1. Creating Web Sites**

- 1.1. Using Front Page
- 1.2. Table
- 1.3. Form
- 1.4. Frame
- 1.5. Link Bars
- 1.6. Theme
- 1.7. Font
- 1.8. Picture
- 1.9. DHTML Effects
  - 1.10. Styles
  - 1.11. Publish
  - 1.12. Using HTML
  - 1.13. Structure
  - 1.14. Text and Paragraph Formatting Tags
  - 1.15. Headings
  - 1.16. Lists
  - 1.17. Links
  - 1.18. Table
  - 1.19. Form
  - 1.20. Frame
  - 1.21. Image Maps
  - 1.22. Audio & Video Tags
  - 1.23. CSS (Embedded & Importing)
  - 1.24. Properties : Font, Text, Margin, Border, List, Color &Background, Box

**2. DHTML & Java Script**

- 2.1. Static, Dynamic and Active Page
- 2.2. DHTML Events
  - 2.2.1. Window, Form, Keyboard, Mouse
- 2.3. Java Script
  - 2.3.1. Overview of Client & Server Side Scripting
  - 2.3.2. Structure of JavaScript
  - 2.3.3. Basic Commands of JavaScript
    - 2.3.3.1. Functions
    - 2.3.3.2. Operators
    - 2.3.3.3. Looping Statements

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**3. Hosting Web Pages**

- 3.1. Domain Name System
- 3.2. Protocols
  - 3.2.1. Window based FTP (Upload & Download)
- 3.3. Role of Web Server in Web Publishing
  - 3.3.1. Communication between Web Server & Web Browser

**4. 2D Animation ( Using Flash 5.0)**

- 4.1. Introduction
- 4.2. Toolbox & Toolbars
- 4.3. Types of Animation
  - 4.3.1. Key Frame
  - 4.3.2. Tweening
    - 4.3.2.1. Shape
    - 4.3.2.2. Motion
- 4.4. Use of Movie Clips, Buttons, Graphics
- 4.5. Scripting
  - 4.5.1. Basic Actions
    - 4.5.1.1. Go To, Play, Stop, Get URL, FSCCommand, LoadMovie
- 4.6. Layers
  - 4.6.1. Concepts
  - 4.6.2. Uses
  - 4.6.3. Inserting and Deleting
  - 4.6.4. Motion guide Layer
- 4.7. Publishing Animation

**Reference Books:**

1. Microsoft FrontPage 2000 – T.J. O’Leary - TMH
2. Microsoft FrontPage 2000 24 Hours – Roger C. - Techmedia
3. Advanced HTML companion – Keith S. & Roberts \_ AP Professional
4. Mastering Photoshop 6.0 – BPB publications Steve Romaniello
5. Flash Bible – IDG Books India Reinhardt, Robert
6. Flash: Magic – Techmedia Emberton, David J.
7. The Complete Reference HTML – TMH Powel, Thomas A.
8. HTML Unleashed – Techmedia Darnell Rick
9. Microsoft FrontPage 2002 24 Hours – Techmedia (SAMS), Rogers Cadenhead
10. Java Scripting Programming for Absolute Beginner- Harris PHI
11. JavaScript Step by Step – Suehring PHI
12. Cascading Style Sheets- The Definitive Guide E-A Meyer – O’Reilly