

**VEER NARMAD SOUTH GUJARAT UNIVERSITY – SURAT**  
**B. Com. (Computer Application) 2<sup>nd</sup> Year**  
**Vocational Course**  
**Syllabus**

S. Y. B. Com. Semester 3  
Effective From: 2012-13

Paper No.: 4  
Paper Title: Computer Application: Paper-IV  
(Web Technology)

**A. WEB TECHNOLOGY (HTML & DREAMWEAVER)**

1. Introduction. [05%]
  - 1.1. Components of Multimedia.
  - 1.2. Difference between bitmap and Vector, jpg, .png, gif files.
  - 1.3. Compression types - Lossless & Lossy.
2. HTML [20%]
  - 2.1. HTML Structure, Text and Paragraph, Formatting tags, Heading tags.
  - 2.2. Links, Table, Form, Frame, Image maps, Audio & Video tags.
3. Dream weaver [20%]
  - 3.1. Introduction to Dream weaver  
Application Bar, Document Toolbar, Document Window, Properties Inspector Panel  
Groups, Working with workspace
  - 3.2. Working with web pages.
    - 3.2.1. Working with Text: Adding Text, Setting text properties
    - 3.2.2. Working with Graphics: Inserting an image, Rollover Image
    - 3.2.3. Working with links: Linking Text, Image, etc.
    - 3.2.4. Working with HTML Tables, Framesets and Frames.
  - 3.3. Working with Flash Content & HTML Forms.
    - 3.3.1. Inserting SWF file & Flash video
    - 3.3.2. Exporting HTML Forms
    - 3.3.3. Radio Button, Check Boxes, Drop-down list, Text Field, Text Area, Submit button and  
Reset Buttons
  - 3.4. Working with Cascading Style Sheets & Templates
    - 3.4.1. Understanding CSS: CSS Rules, Cascading Styles, Creating new style sheet, Working  
with CSS Layouts.
    - 3.4.2. Working with Templates: Understanding dream weaver templates, Creating Templates  
from an Existing web page.
  - 3.5. Working with JavaScript.
    - 3.5.1. Applying JavaScript to a web page: Display Alert Box, Confirm Box
    - 3.5.2. Validating HTML Forms
4. Publishing Websites. [05%]
  - 4.1. Domain Name System
  - 4.2. Protocols:  
Window Based FTP (Upload and Download)
  - 4.3. Role of Web servers in web publishing  
Communication between web server and web browser.

**B. Practical [50%]**

Practical Based on above subject content

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**Reference Books:**

1. Advanced HTML companion – Keith S. & Roberts – AP Professional
2. Principle of Interactive Multimedia – Elsom Cook – TMH
3. 3D Computer Animation – Vince – Addison Wesley
4. Introduction to Web Technology – Bankim Patel, Lal Bihari
5. **How to Create Web page using HTML – K. London TMH**
6. **3D graphics tips, tricks & Techniques – Calwick – AP Professional**
7. Mastering Photoshop 6.0 BPB Publication Steve Temaniello
8. Flash 4 Bible – IDG Books India – Rennardt, Robert
9. Flash 4 Magic – Tech-Media - Emberton David J.
10. The Complete Reference HTML – TMH Powel, Thomas A.
11. HTML Unleashed – Tech-Media Duneil Kick
12. Microsoft Front Page 2002 24 Hours Techmedia(SAMS) Roger Cadenhead
13. HTML ,In simple steps, Published by Kogent Learning solutions
14. Adobe dream weaver cs4 bible – IDG books in India
15. Dreamweaver CS4 in simple steps, Published by Kogent Learning Solution Inc.
16. Adobe Dreamweaver CS5 Class room in a Book by adobe creative team
17. Dreamweaver CS4 Dummies, by Janine Warner.