Syllabus – Undergraduate Programmes

WEB DESIGNING

Goal
By the end of this course, the student should be able to build valid web pages in HTML and have a working knowledge of Cascading Style Sheets (CSS).

Objectives
- Learn how to design and develop a Web page using HTML and CSS.
- Learn how to link pages so that they create a Web site.
- Design and develop a Web site using text, images, links, lists, and tables for navigation and layout.
- Style your page using CSS, internal style sheets, and external style sheets.

Level I – First Year

Level II – Second Year
Links: Creating a Link to Another Web Page - Creating Anchors - Linking to a Specific Anchor - Targeting Links to Specific Windows - Setting the Default Target - Creating Other Kinds of Links - Creating Keyboard - Shortcuts for Links - Setting the Tab Order for Links - Using Images to Label Links - Dividing an Image into Clickable Regions-Creating a Client-Side Image Map - Using a Server-Side Image Map-Changing the Color of Links
Lists: Creating Ordered Lists - Creating Unordered Lists -Creating Definition Lists - Creating Nested Lists
Tables: Creating a Simple Table - Adding a Border - Wrapping Text around a Table -Adding Space around a Table- Spanning a Cell across Columns - Spanning a Cell across Rows - Aligning a Cell's Contents-Controlling Space in and Around Cells Dividing Your Table into Column Groups - Dividing the Table into Horizontal Sections.
Frames: Creating a Simple Frameset - Creating Frames in Rows and Columns - Combining Framesets - Creating an Inline Frame - Adjusting a Frame’s Margins - Showing or Hiding Scroll Bars - Adjusting the Color of the Borders - Adjusting the Frame Borders - Targeting Links to Particular Frames - Targeting Links to Special Spots - Changing the Default Target - Nesting Framesets - Creating Alternatives to Frames

Level III – Third Year

Forms: Creating Text Boxes - Creating Password Boxes - Creating Larger Text Areas - Creating Radio Buttons - Creating Checkboxes - Creating Menus - About Hidden Fields - Adding Hidden Fields to a Form - Creating the Submit Button - Resetting the Form - Organizing the Form Elements - Disabling Form Elements - Keeping Elements from Being Changed.
An Introduction to Cascading Style Sheets - The Advantages of Using Style Sheets – The Disadvantages of Using Style Sheets - The Downside of Style Sheets - The Anatomy of a Style - Setting up Style Sheets - Creating an Internal Style Sheet - Creating an External Style Sheet - Using an External Style Sheet – Applying Styles Locally - Defining Styles for Classes - Identifying Particular Tags - Creating Custom HTML Tags - Creating Custom Block-Level HTML Tags - Creating Custom Inline HTML Tags - Adding Custom Inline HTML Tags Defining Styles for Links - Formatting Text with Styles

List of experiments:

1. Display the numbers 1 - 10, each number being a different color.
2. Display your name in a Tahoma font.
3. Display a paragraph with 4 - 5 sentences. Each sentence should be of different font.
4. A Program to illustrate comment, h1…..h6, and div tag
5. A Program to illustrate text formatting tags
6. A Program to illustrate Frame tag
7. A Program to illustrate Img tag
8. A Program to illustrate Form tag
9. A Program to illustrate Hyper Link tag (Anchor tag)
10. Create webpage using list tags of HTML

References

1. HTML 4 for the World Wide Web: Visual QuickStart Guide - Publisher: Peachpit Press
2. HTML Complete Reference : Powell , TMH