



WEB DESIGN

Hours: 6/week 90 Hrs

Sub. Code: P2CCC44

Credits: 4

Objectives

- ❖ To make the students to create web pages
- ❖ To be familiar with scripting languages
- ❖ To understand HTML concepts

Unit – I

(18-hours)

Internet Basics: Introduction - Meaning –History of Internet – Internet Services and Accessibility – Uses of Internet – Protocols – Web Concepts – Internet Standards.

Internet Protocols: Meaning – Internet Protocols – Host Names – Internet Applications and Application Protocols.

Unit -II

(18-hours)

HTML: Introduction - Information files creation – Web server – Web Client / Browser – Hyper Text Markup Language (HTML) – Commonly used HTML commands. **Lists:** Types of Lists.

Adding Graphics to HTML Documents: Using the BORDER Attribute – Using the WIDTH and HEIGHT Attribute – Using the ALIGN Attribute – Using the ALT Attribute.

Unit – III

(18-hours)

Tables: Introduction – Using the WIDTH and BORDER Attribute – Using the CELLPADDING Attribute – Using the CELLSPACING Attribute – Using the BGCOLOR Attribute – Using the COLSPAN and ROWSPAN Attributes.

Linking Documents: Links – Images As Hyperlinks. **Frames** – Introduction – <FRAMESET> Tag - <FRAME> Tag

Unit – IV

(18-hours)

Java Script: Introduction , JavaScript in Web Pages – JavaScript – Writing Java Script into HTML – Basic Programming Techniques – Operators - Expressions in Java Script – Java Script Programming Constructs - Conditional Checking – Super Controlled - Endless Loops

Unit – V

(18-hours)

Functions in JavaScript– User Defined Functions – Placing Text in a Browser – Dialog Boxes.

Forms used in a Website: Form Objects – Other Built-in Objects in JavaScript – User Defined Objects.

TEXT BOOKS

1. Web Technology A Developer's Perspective, N.P.Gopalan and J. Akilandeswari, PHI Learning Private Limited, 2010.
2. Web Enabled Commercial Application Development Using HTML, DHTML, JavaScript, Perl CGI, Ivan Bayross, BPB Publications, 3rd Revised Edition.

UNIT	CHAPTERS	PAGE NO.
I	(In Book 1) 1 - 2	1 – 32
II	(In Book 2) 2, 3, 4	12 – 45
III	(In Book 2) 5, 6, 7	47 – 84
IV	(In Book 2) 8	124 – 138
V	(In Book 2) 8, 10	139 – 149, 160 - 190



VIRUDHUNAGAR HINDU NADARS' SENTHIKUMARA NADAR COLLEGE

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REFERENCE BOOKS

1. Internet and World Wide Web – How to Program, Deital & Deital, Pearson Education, Third Edition, 2004.
2. Web Technologies, Black Book, Dreamtech press, Reprint edition, 2011.