

E.M.G. YADAVA WOMEN'S COLLEGE, MADURAI – 14.**(An Autonomous Institution – Affiliated to Madurai Kamaraj University)****Re-accredited (3rd Cycle) with Grade A⁺ & CGPA 3.51 by NAAC****CBCS with OBE****DEPARTMENT OF INFORMATION TECHNOLOGY-UG****ADD ON COURSE****Web Page Designing****(w.e.f. 2022 – 2023 Batch Onwards)****COURSE STRUCTURE****Contact Hours: 30****Credit: 1**

S.No.	Semester	Subject code	Title of the Paper
1	I	22ITAOC	Theory: Web Page Designing
2	I	22ITAOC P	Practical: Web Page Designing Lab

Department of Information Technology				Class : I B.Sc.	
Sem.	Category	Course Code	Course Title	Credit	Contact Hours
I	Add on Course	22ITAOC	Web Page Designing	1	30
		22ITAOCPL	Web Page Designing Lab		

Objectives

1. Be aware of the principles of Web page design.
2. Understand basics in web page design.
3. Visualize the basic concept of HTML.
4. Recognize the elements of HTML.
5. Know about Cascade Style Sheet.

Course Content

Unit-I:

Web Design Principles: Basic principles involved in developing a web site - Planning process - Five Golden rules of web designing - Designing navigation bar - Page design - Home Page Layout – Design Concept.

Unit –II:

Basics in Web Design: Brief History of Internet - What is World Wide Web - Why create a web site - Web Standards - Audience requirement.

Unit –III:

Introduction to HTML: What is HTML - HTML Documents - Basic structure of an HTML document - Creating an HTML document - Mark up Tags - Heading- Paragraphs - Line Breaks - HTML Tags.

Unit -IV:

Elements of HTML: Introduction to elements of HTML - Working with Text - Working with Lists, Tables and Frames - Working with Hyperlinks, Images and Multimedia - Working with Forms and controls.

Unit - V:

Introduction to Cascading Style Sheets: Concept of CSS - Creating Style Sheet - CSS Properties - CSS Styling(Background, Text Format, Controlling Fonts) - Working with block elements and objects - Working with Lists and Tables - CSS Id and Class - Box Model(Introduction, Border properties, Padding Properties, Margin properties) - CSS Advanced(Grouping, Dimension, Display, Positioning, Floating, Align, Pseudo class, Navigation Bar, Image Sprites, Attribute selector) - CSS Color Creating page Layout and Site Designs.

Text Book:

Kogent Learning Solutions Inc. (2010). *HTML 5 in simple steps*. Dream Tech Press.

Reference Books:

1. Ian Pouncey & Richard York. (2016). *Beginning CSS: Cascading Style Sheets for Web Design*. Wiley India.
2. John Duckett. (2010). *Beginning HTML, XHTML, CSS, and JavaScript*. Wiley India.
3. Kogent Learning. (2012). *Web Technologies: HTML, Javascript*. Wiley India.
4. Meyer, Eric, A. & Weyl Estelle. (2017). *Cascading Style Sheets: The Definitive Guide*. O'Reilly & Associates.
5. Pouria Amirian & Adam Winstanley. (2016). *Web Application Development Essentials: With HTML5, JavaScript, jQuery, CSS, and ASP.NET*, A press CA United States.
6. Steven M. Schafer. (2010). *HTML, XHTML, and CSS Bible*. 5 Edition. Wiley India.

PRACTICAL

List of Programs:

1. Write a html Program to illustrate body and pre tags
2. Write a html Program to illustrate comment, h1...h6, and div tag
3. Write a html Program for Order & Under List
4. Write a html Program for Picture Marque
5. Write a html Program for Image Pasting
6. Write a html Program for Hyperlink
7. Write a html Program for Time Table
8. Write a html Program for Color Frame
9. Write a html Program for Home page Design
10. Write a html Program for Application Form
11. Write a html Program to Create web page using CSS