

# **E.M.G.YADAVA WOMEN'S COLLEGE, MADURAI-14.**

(An Autonomous Institution-Affiliated to Madurai Kamaraj University)

(Re –accredited (3rd cycle) A+ & CGPA 3.51 Grade by NAAC)

## **CBCS**

### **DEPARTMENT OF INFORMATION TECHNOLOGY – B.Sc**

#### **ADD ON COURSE**

(w.e.f. 2021 – 2022 onwards)

#### **Web Page Designing**

1. This Course is taken up by first year Information Technology students
2. Period of study : I Semester

#### **COURSE STRUCTURE**

**Contact Hours: 30 hrs**

**Credit: 1**

<b>S.No.</b>	<b>Sem</b>	<b>Subject Code</b>	<b>Title of the Paper</b>
1.	<b>I</b>	21IAOC	<b>Theory:</b> Web Page Designing
2.	<b>I</b>	21IAOCP	<b>Practical:</b> Web Page Designing Lab

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

**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., HTML 5 in simple steps, Dream Tech Press.

**Reference Books:**

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

## **PRACTICALS**

**Title of the Paper:** Web Designing Lab

**Subject Code** : 21IAOCP

### **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