

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

DEPARTMENT OF COMPUTER SCIENCE

(w.e.f.2017 – 2018 Batch onwards)

DIPLOMA IN INFORMATION & COMPUTER TECHNOLOGY

Title of the Paper : **Web Designing**
Semester : **II**
Subject Code : **17DS2**

Objective:

To create awareness in Internet and HTML Documents and establish adequate formatting for web designing purposes.

Unit-I:

Introduction: What is the Internet? – History of the Internet – Internet Services and Accessibility – Uses of the Internet – Protocols – Web Concepts – Internet Standards.

Unit-II:

Internet Protocols: Introduction – Internet Protocols – Host Names – Internet Applications and Application Protocols: Datagram (Message Oriented) Vs Stream - Trivial File Transfer Protocol(TFTP) – FTP-File Transfer Protocol – Telnet(a generic TCP Client) – HTTP (Hyper-Text Transfer Protocol).

Unit – III:

The Document Head: Inside the Head – Document Title – Meta Information – Character Encoding – Search-Engine Meta Data – Custom Meta Data – Adding Scripts – Adding Style Sheets – Linking Resources.**Body Text Content:**The Document Body – Content in Paragraphs – Forcing Line Breaks – Quotes and Blockquotes – Headings – Emphasising Text – Text Formatting – Preformatted Text – Subscript and Superscript – Contact Address – Displaying Code in Text – Advisory Tags – Delete and Insert. **Lists and Entities:** Unordered Lists - Bullet Point Styles – Ordered Lists – Numbering Styles – Definition Lists – Horizontal Rule – Character Entities.

Unit – IV:

Making Tables: A Simple Table – Formatting Cells – Positioning the Table – Adding Rows – Spanning Rows – Spanning Columns – Header and Footer – Cell Content Alignment – Cell Style – Table Frame and Rules – Grouping Columns – Column Widths – Summary Attribute. **Hyperlinks and Anchors:** Creating Hyperlinks – Following Links – Fragment Anchors – Link to Element – Link Title Tooltip – Link to Protocol – Images as Hyperlinks – Image Map Hyperlinks – Mapping Coordinates.

Unit – V:

Using Frames: The Frameholder Document –Two-Column Frameset – Two-Row Frameset – Nested Frameset – Frame Appearance – Frame Targets – Alternative Content
Creating Forms: A Simple Form –Submission Information – Text Inputs – Password Inputs – Checkboxes – Radio Buttons –File Inputs – Hidden Inputs – Push Buttons – Reset Buttons – Submit Buttons – Image Submit Button – Buttons with Graphics – Using Labels – Text Areas – Tab Order – Selection Menus – Grouping Menus – Grouping Form Fields.

Text Books:

1. N.P. Gopalan and J. Akhilandeswari - *Web Technology : A Developer's Perspective*, PHI Learning Private Limited, New Delhi, 2010.

Chapters:

Unit - I : 1.1 to 1.7

Unit -II : 2.1 to 2.3, 2.4.1 to 2.4.5

2. Mike Mcgrath , *HTML 4 in easy steps*, Dreamtech Press, New Delhi, 2007.

Chapters:

Unit - III: 2, 3, 5

Unit - IV: 6, 7

Unit - V : 9, 10

Reference Books:

1. Deitel & Deitel , Goldberg , *Internet and World Wide Web How to Program*, Pearson Education , 3rd Edition , 2005
2. Eric Ladd , Jim O' Donnel , *Using HTML 4 , XML and JAVA* , Prentice Hall of India , 2nd Edition , 1999.
3. Greg Robertson and Tim Altom, *Hands on HTML*, First Edition, BPB Publications, 1st Edition, 2007.
4. Lokesh Vats, Parikshit Rawat , *Web Designing*, Cyber tech Publications
5. Rajkamal , *Web Technology*, Tata McGraw-Hill, 3rd Edition , 2001.

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DIPLOMA IN INFORMATION & COMPUTER TECHNOLOGY

Title of the Paper : Web Designing Lab
Semester : II
Sub Code : 17DS2P

Lab Cycle

List of Programs:

- 1.Preliminary tags
2. Linking web pages through image & text
- 3.Lists
- 4.Table
- 5.Forms
- 6.Frames