

Dr. A. G. D. Bendale Mahila Mahavidyalaya, Jalgaon
Department of Computer Science

**CERTIFICATE COURSE IN WEB DESIGNING
(CCWD)**

Structure of Course

CCWD – I	COMPUTER FUNDAMENTAL, WINDOWS & INTRODUCTION TO INTERNET	100 Marks
CCWD – II	HTML & CSS	100 Marks
CCWD – III	Practical Based on CCWD – I & CCWD – II	100 Marks

Sr. No	Papers	Credit	Hours for Credit	Total	Total Marks
1.	CCWD – I (Theory)	6	15	90	100
2.	CCWD – II (Theory)	6	15	90	100
3.	CCWD - III (Practical)	8	15	90	100

1. Objectives →

- * To develop web skill for developing websites
- * To define and support technology standards.
- * To acquire skills for creation of Dynamic web applications.

2. Duration → 1 Year
3. Medium of Instruction → English
4. Eligibility → 12th
5. Intake Capacity → 60
6. Mode → Part Time

CERTIFICATE COURSE IN WEB DESIGNING
PAPER I
COMPUTER FUNDAMENTAL, WINDOWS & INTRODUCTION TO
INTERNET

Unit 1. Introduction:

[10L]

History & generation of computer, Block diagram of computer system, Types of computers
Definition- Software, Hardware, Compiler, Interpreter, Characteristics & applications of Computer,
Data Representation: Introduction to Number system: decimal, binary, octal and hexadecimal, Conversion
in
Number System, Character representation: ASCII.

2] What is computer?

[5 L]

Computer hardware:-

Input Devices: - Keyboard, Mouse, Scanner, Light Pen, Web Camera, microphone.

Output Device: - Monitor, Different Types Of Printer, Graphic Plotter.

3] System Unit:

[4 L]

Hard Disk, Processor, Mother Board, CD-writer.

4] Memory:

[4 L]

Primary memory - RAM, ROM, Secondary memory, cache memory.

5] Accessories:

[4 L]

Speaker, Headphone, Mike, Digital camera, MP3 Player.

6] Windows:

[5 L]

Windows XP requirements, Component of window menu bar, Windows XP, Windows -7.

7] Introduction to Information Technology and Internet:

[10L]

Introduction to Information Communication Technology

Analog & Digital communication, 2G, 3G, 4G and future Generations, Overview of Information Systems,

Overview of Information Security- Viruses & Worms, Security threats, History of Internet, Working of Internet & Intranet, World Wide Web, surfing, chatting, creating e-mail address, Sending & Receiving E-mail(with attachment), Viewing various websites in design point of view. Messenger Services, News Groups, Car GPS tracking.

References –

Fundamentals of computer - V. Raja Raman (PHI Publication)

Computer and commonsense - Roger Hunt and John Shelley (PHI Publication)

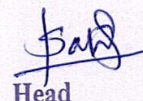
Internet in easy steps - Dream tech Press

CERTIFICATE COURSE IN WEB DESIGNING
PAPER –II
HTML

- 1] Introduction and Basics of HTML:** [3L]
What is HTML? , History & Development of HTML,
Structure of HTML document, The DOCTYPE declaration,
HTML tags and Examples.
- 2] Head Elements:** [3 L]
HTML tags, Text Level tags, Character entity references, HEAD tags,
Body tags, displaying a Web page in Web browser.
- 3] Formatting Text:** [9 L]
Defining paragraph and new lines, inserting line breaks, inserting spaces,
FONT tags, changing background color, marked formatting, new semantic elements, new form
control attributes, graphic elements, multimedia elements.
- 4] List:** [4 L]
Ordered list, unordered list, defining list, some other elements, Visual
Mark up, HTML Description list, Nested HTML list, Horizontal list with css.
- 5] Uniform Resource Locator:** [5 L]
Types of URL, absolute URL, Relative URL Document relative URLs,
And Server relative URLs, Internationalize URL.
- 6] Hypertext Links:** [5 L]
Implicitly anchored hyperlink, explicitly anchored hyperlink.
- 7] Images:** [3 L]
Adding images, adding border to an image, Image as a link, HTML Screen Readers, Image
Floating, Image Maps.
- 8] Links & Tables:** [8 L]
How Hyperlinks Work, Anchor Tag and HREF. Attributes, Absolute vs. Relative Links, Border
E-Mail Links, and Table Tags & Table Attributes, RowAttributes, Cell Attributes, Merging Rows &
Columns.
- 9] Frames:** [4 L]
Frameset Definition, Frame Definition, Nested Framesets.
- 10] Forms:** [4 L]
CGI script, creating forms.
- 11] Introduction to css:** [5 L]
Formatting Text and Fonts, Formatting Colours and Backgrounds,
CSS Class and, ID Attributes, CSS Links, CSS Navigation Bar.

References:

- World Wide Web design with HTML – C Xavier Tata McGraw Hill
Publication.
2. The Complete Reference – Web Design, Thomas A. Powell,
TMH, ISBN 0-07-041186
3. Internet in easy steps: dreamtech press.
4. Web References: www.w3c.org, www.sybex.com


Head

Department of Computer Science
Dr. Annasaheb G.D. Bendale
Mahila Mahavidyalaya, Jalgaon

CERTIFICATE COURSE IN WEB DESIGNING
PAPER-III
HTML LAB WORK

- 1] Create web page using basic HTML tags.
- 2] Develop a HTML program which demonstrates the use of 'Text Formatting tags'.
- 3] Develop a HTML program which demonstrates the use of 'List & Image tags'.
- 4] Develop a HTML program which demonstrates the use of 'table tags with its attributes'.
- 5] Develop a HTML program to create calendar of current month using table tag with its attributes.
- 6] Develop a webpage to demonstrate your personal information.
- 7] Create a website using Frame to demonstrate importance of Frameset tag.
- 8] Develop a website for 'presentation of your college' information, use different tags to provide attractiveness for your website.
- 9] Write a HTML program to demonstrate HTML Form tag with its elements.
- 10] Write a HTML program to develop 'Online Admission Form' using different form elements.
- 11] Write a HTML program to demonstrate 'Internal and External css.
- 12] Introduction to web browser.
- 13] Design static and simple website for your college.
- 14] Creation of e-mail account, sending and receiving emails.
- 15] Searching information.


Head
Department of Computer Science
Dr. Ambedkar Government College
M. J. Somaiya Institute of Technology