

Branch Name:	IMCA
Program Code:	CS301
Course Name:	Fundamental of Web-I Practical
Course Code:	1CS3010102P
Pre-requisite Course:	Working knowledge of Internet and Basic of computer

Course Objectives:

1. CSS provides powerful control over the presentation of an HTML document
2. To develop the skill & knowledge of Web page design.
3. User friendly and an open technology and it gives better performance.
4. To be able to learn core concepts of web programming using HTML and CSS
5. To design and implement dynamic websites with a good sense of designing and latest technical aspects.

Teaching and Examination Scheme:

Teaching Scheme (Hours per week)				Evaluation Scheme (Marks)				
Lecture (L)	Tutorial (T)	Practical (P)	Credit	Theory (Marks)		Practical (Marks)		Total (Marks)
				University Assessment	Continuous Assessment	University Assessment	Continuous Assessment	
-	-	3	3	-	-	25	25	50

LAB/Practical

Part I: HTML

1	Create an HTML document which makes use of various Heading tags.
2	Create an HTML file which makes use of paragraph and line break.
3	Create an HTML file which is having following Text Formatting: a. Bold b. Strong c. Big d. Italic e. Small f. Subscript g. Superscript h. Underline
5	Create an HTML file which makes use of different types of links.
6	Create an HTML page which Apply at least 6 different string styles to single text and display them.
7	Create an HTML file which Creates different types of Menu.

8	Lists: Create a web page which makes use of Numbered, Letters, Lowercase Letters, Roman Numbers, Lowercase Roman numbers List
9	Link: Create a web page showing an ordered list of names of the subjects, with nested list if any subject has been selected it should display the content of each subject
10	Tables and Lists: Write HTML code to display your bio-data using different types of lists and tables
11	List and Tables : Write HTML code to display Restaurant Menu using different types of lists and tables
12	Suppose your company has three employees and you want to create a company “directory page” listing some information about each of them. Write the HTML for that page and link 1 employee to another employee
13	Create a specimen of a corporate web page. Divide the Browser Screen into two frames. The frame on the left will be the menu consisting of Hyperlinks. Clicking on any of this link will lead to a new page which must open in the target frame which is on the right side.
14	Create a Student Registration form with all form elements.

15	Write Html code which gives information of different cities in Gujarat (like Gujarat Tourism website), when user click on any of the cities from left frame, the information about respective cities should appear on right frame a. Use frame tag Split web page with frames taking the left 25% of browser window, If clicking each name corresponding web page in right 75% of web browser window b. Also display the tourist spot of Gujarat state
16	Create a web page with appropriate content and insert an image towards the left hand side of the page when user clicks on the image, it should open another web page with enlarged image
17	Create Web Page for yourself which display following section (Apply all HTML features learned). 1) Personal Information (Name, Dob, Gender, Contact Number, Email Address) 2) Education Details (Board, School Name, Pass Year, Percentage) 3) Hobbies, Languages Known 4) Awards / Certification 5) Others
18	Write an Html application implementing Website navigation similar to Flipkart.com,
19	Write an Html application similar to photo gallery for any city

Part II: CSS

1	Utilize different types of Cascading Style Sheet.
2	Utilize Cascading Style Sheet in HTML tags.
3	Utilize Cascading Style Sheet using class.
4	Utilize Cascading Style Sheet using ID.
5	Utilize Cascading Style Sheet on Text, Text Box, Background color
6	Design a website layout using html css
7	Create a CSS rule that can make the following changes to the Text. i) Font size : 16 ii) Font color : Red iii) Font family : Arial
8	Create a CSS Library (external library file) and use it in a webpage.

Text Books:

1. Advance CSS by Kailash Chandra Upadhyay
2. Wilbert O. Galitz, The Essentials Guide to User Interface Design, Wiley
3. World Wide Web design with HTML C Xavier; TMH

Reference Books:

1. Faithe Wempen, "Step by Step HTML 5", South Asian Edition, Microsoft Press and PHI Learning
2. Rob Larsen, Beginning HTML and CSS, WROX
3. Wendy Willard, "HTML: A Beginner's Guide 5/E", 5th Edition, McGraw Hill
4. Richard Clark, Oli S. - Christopher M., Divya M. - Beginning HTML5 and CSS3 - Apress
5. Ivan Bayross, "Web Enabled Commercial Application Development Using HTML, DHTML,
6. HTML Black Book Steven Holzner; Dreamtech Press

List of Open Source Software/learning website:

1. www.w3school.com
3. www.tutorialspoint.com
4. www.geeksforgeeks.org
5. www.javatpoint.com

Course Learning Outcomes (CLO): On completion of this course, the students will be able to:

CLO	Description	Bloom's Taxonomy Level
CLO1	Develop a static webpage by the use of HTML	2. Understanding
CLO2	Understand the basic concept of css	2 Understanding,
CLO3	Design appropriate user interfaces and implements webpage based on given problem Statement	3 Applying,
CLO4	Implement concept and property of CSS	3 Applying,
CLO5	Design different layout of website using HTML & CSS	3 Applying,
CLO6	Design the form element using HTML & CSS	3 Applying, 6 Creating

Mapping of CLOs with Pos & PSOs

Course Learning Outcomes	Program Outcomes (POs)												Program Specific Outcomes (PSOs)	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CLO1	M	L	M		M	H		L	L		L	M	M	M
CLO2	L		M		H		M		H		L		M	M
CLO3		M	H	L		L		L	M	L	M	L	M	L
CLO4		L	H		M			L		L	L		M	
CLO5	M		H		M			L	M		M	L	L	M
CLO6	H	L	M		L		L		L		L	M	L	L

H: High, M: Medium, L: Low