



SARVAJANIK UNIVERSITY
Sarvajanik College of Engineering and Technology
Master of Computer Applications



Integrated MCA I Semester 1

Subject Name: Fundamentals of Web Designing- Practical

Subject Code: IMCA13106

Type of course: Professional Core Course

Prerequisite (if any):

- Basic knowledge of working with computers and internet.

List of Courses where this course will be prerequisite:

- Web Development.

Rationale: Understanding of basics of internet domains, HTML JavaScript, Bootstrap.

Teaching and Examination Scheme:

TEACHING SCHEME				Theory Marks		Practical Marks		Total
L	T	P	C	TEE	CAT	TEP	CAP	
0	0	4	2	-	-	30	20	50

CAT: Continuous Assessment Theory comprised of CA1 and CA2 **CA1:** Continuous Assessment (assignments/projects/open book tests/closed book tests **CA2:** Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems **TEE:** Term End Examination **TEP:** Term End Practical Exam (Performance and viva on practical skills learned in course) **CAP:** Regular submission of Lab work/Quality of work submitted/Active participation in lab sessions/viva on practical skills learned in course





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List of Practicals:

Sr. No	Topic		
1.	Write HTML code basic HTML Structure with Body Tag, Heading Tag, and Line Breaks.		
2.	Write a code for html webpage which displays some text formatting and uses < em> , < i> , <small> , < b> ,<u> , < strong> , <sup> , < sub> , < ins> , < del> and < mark> tag .		
3.	Write a code for html web page which displays your name in left, college name in right, and semester in center, your branch in red background color and text size - 50px.		
4.	Write HTML code to display your bio-data using different types of lists and tables.		
5.	Create a web page with appropriate content and insert an image towards the left handside of the page when user clicks on the image, it should open another web page.		
6.	Write HTML code to display your class timetable using html Table Tag.		
7.	Write html to list the course names in a frame taking up the left 25% of browser window. If clicking each course name brings up a corresponding course detail page web page in right 75% of web browser window. <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">Course List Page [frame 1]</td> <td style="text-align: center;">Course Detail Page [Frame 2]</td> </tr> </table>	Course List Page [frame 1]	Course Detail Page [Frame 2]
Course List Page [frame 1]	Course Detail Page [Frame 2]		
8.	Write HTML code to display to display Student Registration Form using all html form elements.		
9	Write HTML code embed Audio and Video in an HTML page.		
10.	Write a code to Applying css using External CSS file, Internal CSS, Inline CSS.		
11.	Write CSS code to display example of CSS Fonts and typography, Managing text styles, CSS colors, Positioning elements.		





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12.	Write CSS code to display example of box model and Layout , CSS backgrounds, CSS borders ,Box Shadows
13.	Write CSS code to display Multicolumn Layout.
14.	Write CSS code to apply Transformations, 3D Transformations and Transitions.
15.	Write a HTML and CSS code to design login page.
16.	Write a code to design Google home page using HTML & CSS.
17.	Design a calculator application which performs addition, subtraction, multiplication and division with clear option using HTML, CSS and JavaScript.
18.	Write a code Build an image slider component that displays a series of images with navigation buttons or pagination dots using HTML, CSS and JavaScript.
19.	Design a Customer Registration form using HTML, CSS and JavaScript validation.
20.	Design a Digital Clock using HTML, CSS and JavaScript.
21.	Write a code to Implement game of Tic-Tac-Toe where two players take turns marking spaces in a grid to achieve three in a row.
22.	Write a code build a portfolio website showcasing your projects and skills, using Bootstrap for layout and styling.
23.	Design a blog website using Bootstrap for the layout of blog posts, categories, tags, and comments section.





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Reference Text Books:

Sr. No	Title of book /article	Author(s)	Publisher and details like ISBN	Year of publication	Publication Edition
1	Web Enabled Commercial Application Development Using HTML, JavaScript, DHTML and PHP	Ivan Bayross	BPB Publication ISBN: 9788183330084	2011	4 th Edition
2	HTML & CSS: The Complete Reference,	Powell Thomas A.	McGraw Hill Book Inc. ISBN:9780070701946	2016	5 th Edition
3	Practical Bootstrap: Learn to Develop Responsively with One of the Most Popular CSS Frameworks	Panos Matsinopoulos	APress ISBN: 9781484260708	2021	1 st Edition

