

CSCSE11	Web Designing	Theory	Practical	Cumulative			
		2	1	3			
SEC		30	30	60			
Course Objectives							
<ul style="list-style-type: none"> • Learn to create visually appealing and user-friendly websites using HTML, CSS, and JavaScript, focusing on design principles, layout techniques, and responsive design. • Develop skills in integrating advanced features and frameworks, such as interactive elements and backend integration, to build functional and dynamic web applications. 							
Syllabus							
Units	Course Content			Hr. of Teaching			
I	HTML: Overview, Basic Tags, Elements, Attributes, Formatting, Phrase Tags, Meta Tags, Comments, Images, Tables, Lists, Text Links, Image Links, Email Links, Frames, Iframes, Blocks, Backgrounds, Colors, Fonts, Forms, Embed Multimedia, Marquees, Style Sheet, Layouts.			8			
II	CSS: Overview, Syntax, Inclusion, Measurement Units, Colors, Background, Fonts, Text, Images, Links, Tables, Borders, Margins, Lists, Paddings, Cursors, Outlines, Dimension, Scrollbars, Visibility, Positioning, Layers, Filters, Media, Printing, Layouts, Validations			8			
III	JAVASCRIPT: Overview, Syntax, Enabling, Placement, Variables, Operators, If-Else, Switch-Case, While Loop, For Loop, For-in Loop, Loop Control, Functions, Events, Cookies, Page Redirect, Dialog Box, Void Keyword, Page Printing, Objects, Number, Boolean, String, Arrays, Date, Math, Errors and Exceptions, Form Validation, Animation, Multimedia			7			
IV	PHP: Introducing PHP, Using Variables and Operators, Controlling Program Flow, Working with Arrays, Using Functions and Classes, Working with Files and Directories, Working with Databases and SQL, Working with XML, Working with Cookies, Sessions, and Headers, Handling Errors, Securing PHP, Extending PHP.			7			
Texts / References Books							
<ol style="list-style-type: none"> 1. Powell, T. A., HTML & CSS: The Complete Reference. 2. Goodman, D., Morrison, M., Novitski, P., Rayl, T. G., JavaScript Bible. 3. Vaswani, V., PHP: A Beginner's Guide. 							
Learning Outcomes							
<ul style="list-style-type: none"> • Create visually appealing and responsive web pages using HTML, CSS, and JavaScript, ensuring optimal user experience across various devices and screen sizes. • Utilize design principles and best practices to develop intuitive layouts, navigation, and user interfaces that enhance usability and accessibility. • Implement interactive features and advanced web technologies, such as front-end frameworks and APIs, to build dynamic and functional web applications. 							