

Semester	<b>4</b>
Course	<b>SKILL</b>
Paper Code	<b>S2CS230421P</b>
Paper Title	<b>WEB TECHNOLOGY</b>
No. of Credits	<b>3</b>
Theory / Practical / Composite	<b>PRACTICAL</b>
Minimum No. of preparatory hours per week a student has to devote	5
Number of Modules	One
Syllabus	<p>1. Basics of <b>HTML</b>, HTML Tags and Attributes, Parts of HTML Document.  <b>Text Formatting:</b> Basic Formatting Tags, Unordered Lists, Order List, List Items, Headings, Paragraph attributes, font, text alignments.  <b>Image, Hyperlinks, and Audio/Video:</b> Insert Image, Image size, Alternate Text, Hypertext, Hyperlinks (Internal &amp; External), Named Anchors, Email Links, Alternate Text, Image Hyperlinks, Image Mapping, Using Audio and video on web pages.  <b>Tables:</b> TR, TD, TH, Colspan, Rowspan, Borders.  <b>Forms:</b> Different form elements, HTML 5 Elements, Form methods, form action.</p> <p>2. <b>CSS:</b> Different ways to use CSS: Inline CSS, Internal CSS, External CSS. CSS Linear &amp; Radial gradients, CSS Text formatting, CSS Box Model, CSS Border, CSS backgrounds, CSS Box structure, CSS Media, CSS Translation.</p> <p>3. <b>Java Script:</b> Event Handling using Java Script.</p> <p>4. <b>PHP:</b> Introduction to PHP, Form Data using PHP, Database Handling using PHP and MySQL.</p>
Learning Outcomes	<p>On successful completion of the course the learner will be able to:</p> <ol style="list-style-type: none"> <li>1. Prepare, Plan, and Create a Web Site</li> <li>2. Learn simple and impressive design techniques, from basic to advanced with a focus on goal-oriented and user-centric design.</li> <li>3. Design dynamic and interactive websites using tables, forms, CSS, and different validations for the website.</li> <li>4. Set up the page layout, colour schemes, and typography in the designs, writing valid and concise code for webpages.</li> <li>5. Handle Data and perform simple queries on a backend database.</li> </ol>

Reading/Reference Lists	<ol style="list-style-type: none"> <li>1. Introduction to HTML and CSS -- O'Reilly</li> <li>2. HTML 5 Black Book, DT Editorial, Dreamtech Press.</li> <li>3. HTML &amp; CSS: THE COMPLETE REFERENCE</li> <li>4. PHP: THE COMPLETE REFERENCE, Steven Holzner</li> <li>5. Learning PHP, MySQL &amp; JavaScript: A Step-by-Step Guide to Creating Dynamic Websites, Sixth Edition (Grayscale Indian Edition)</li> <li>6. PHP, MySQL &amp; JavaScript All-in-One for Dummies by Richard Blum.</li> </ol>	
Evaluation	PRACTICAL EXAMINATION	