

Course Code	Course Name	Course Type	Cd	L	T	P	Marks		
							Internal	Final Exam	Total
MCA-311	Web Technologies Lab	PCC	3	0	0	6	-	75	75

**Course Outcomes**

At the end of the course the student will be able to	
CO1	Demonstrate an understanding of designing a web page using HTML.
CO2	Develop web pages using DHTML and Cascading Styles sheets.
CO3	Develop dynamic web pages using JavaScript (client-side programming).
CO4	Develop dynamic web pages using database connectivity.
CO5	Develop an interactive application using ASP.net.

**List of Activities for Web technologies Lab**

S. No	Activities
1	Create an HTML document with the different formatting options i.e., Bold, Italics, Underline, Headings (Using H1 to H6 heading styles)
2	Create an HTML document with the different, Font (Type, Size and Color), Background (Colored background/Image in background), Paragraph, Line Break, Horizontal Rule, Pre tag
3	Create an HTML document which consists of: Ordered List, Unordered List, Nested ordered and/or unordered List and Image
4	Create an HTML document which implements Internal linking as well as External linking
5	Create a table using HTML demonstrating use of columns and rows, merging multiple rows and/or columns etc. With data and image values and contents with hyperlinking
6	Create HTML documents having multiple frames in different possible formats/organization
7	Design a bio data form using form and controls in HTML
8	Implementation of CSS selectors
	<ul style="list-style-type: none"> <li>Implementation of Inter CSS</li> <li>Implementation of External CSS</li> </ul>
9	Program in JavaScript to check given no is even or odd
10	<ul style="list-style-type: none"> <li>Program to calculate factorial of a no</li> <li>Program to generate series from 1 to 10</li> </ul>
11	<ul style="list-style-type: none"> <li>Implementation of inbuilt String functions in JavaScript</li> <li>Implementation of inbuilt Mathematical functions in JavaScript</li> </ul>
12	<ul style="list-style-type: none"> <li>Implementation of Arrays in JavaScript</li> <li>Implementation of Strings</li> </ul>
13	Implementation of alert and input functions
14	Implementation of events in JavaScript
15	<ul style="list-style-type: none"> <li>Create an XML document with the following sample real estate data ▪ Root element real-estate will contain a sequence of sub-elements agencies, owners, properties and flats, all with an empty content.</li> <li>Create an internal DTD for the XML document.</li> </ul>