Program	BACHELOR OF VOCATION (B.Voc.)	**Semester - 1**
Type of Course	-	
Prerequisite		
Rationale	-	
Effective From A.Y.	2024-25	

Teaching Scheme (Contact Hours)				Examination Scheme				
Lecture	**Tutorial**	**Lab**	**Credit**	**Theory Marks**		**Practical Marks**		**Total Marks**
				SEE T	**IAT**	**SEE P**	**CCE**	
-	-	2	1	-	-	30	20	50

SEE - Semester End Examination, **IAT** - Internal Assessment Test, **CCE** - Continues & Comprehensive Evaluation

Course Content		**T** - Teaching Hours | **W** - Weightage	
Sr.	**Topics**	**T**	**W**
1	**Practical 1** Write, test and debug small applications with previous HTML tags, input tags, input types	2	
2	**Practical 2** Write, test and debug small applications with HTML5 Semantic Page Elements, inline semantic elements, media semantic elements	2	
3	**Practical 3** Write, test and debug small applications with CSS by employing local styles & making use of ids and classes, managing appearance, absolute and float positioning	2	
4	**Practical 4** Write, test and debug small applications Using HTML5 and CSS3tag	2	
5	**Practical 5** Write test and debug a JavaScript program illustrating the use of variables and its data types	3	
6	**Practical 6** Write test and debug a JavaScript program illustrating the importance of Document Object Model	3	
7	**Practical 7** Write a program to swapping two images using javascript	2	
8	**Practical 8** 1. Write test and debug a program implementing jQuery fading methods 2. Write test and debug a jQuery program representing the use of hide(), show() and toggle() functions. Also perform Form Validation program in jQuery	4	
9	**Practical 9** 1. Create an XML file defining an article in newspaper 2. Create an XML file defining the food menu of a hotel	4	
10	**Practical 10**	4	

	Course Content			T - Teaching Hours | W - Weightage

Sr.	Topics	T	W
	Develop the modern web pages using the HTML and CSS features with different layouts as per need of applications		
	Total	**28**	

	Course Outcomes	

At the end of this course, students will be able to:

CO1	Describe the concepts of web design.
CO2	List the various HTML tags and use them to develop the user friendly web pages.
CO3	Define the CSS with its types and use them to provide the styles to the web pages at various levels.
CO4	Use the JavaScript to develop the dynamic web pages.
CO5	Use the jQuery to understand various events and XML to understand web designing.

	Reference Books	

1.	**Web Technologies, Black Book** Dreamtech Press
2.	**HTML 5, Black Book** Dreamtech Press
3.	**Developing Web Applications** By Ralph Moseley and M. T. Savaliya | Wiley-India
4.	**Head First jQuery** By Ryan Benedetti and Ronan Cranley | O'Reilly Media

Laboratory work will be based on above syllabus with minimum required experiments/exercises to be incorporated.