

**TYBBA-CA Semester- V**

<b>Course Code:</b> <b>B4- 21/507</b>	<b>Subject : J-Query</b>	<b>Marks : 50</b> <b>Credits : 2</b>
--	--------------------------	---

**Course Objectives :**

1. To learn handling different events for different Controls using J-query.
2. To learn how to provide effects to the elements or sections in the Html page.
3. To learn to manipulate elements by adding CSS classes dynamically, by inserting Elements.

**Course Outcome :**

After completing the course, the student shall be able to -

**CO1:** Understanding the concept and working of J-query.

**CO2:** Learning of Basics of HTML with different effects.

**CO3:** Use of CSS with dynamic operations.

<b>Unit</b>	<b>Unit Title</b>	<b>Contents</b>	<b>No of Lectures</b>
<b>I</b>	Introduction	1.1 jQuery Introduction 1.2 Install and Use jQuery Library 1.3 Un-Obstructive JavaScript 1.4 First jQuery Example 1.5 jQuery Syntax 1.6 How to escape a special characters 1.7 Basic Selectors	10

		1.8 Traversal Functions	
<b>II</b>	HTML Manipulation	2.1 Getting Setting values from elements 2.2 Handling attributes 2.3 Inserting New elements 2.4 Deleting/Removing elements 2.5 CSS manipulations 2.6 Dimensions 2.7 Positioning	10
<b>III</b>	Effects and Events Effects:	3.1 Showing/Hiding elements 3.2 Sliding elements 3.3 Fading elements 3.4 Deleting animation elements 3.5 Custom animation Events: 3.6 Working with events.	10
<b>Total No of Teaching Lectures</b>			<b>30</b>
<b>Total No of Lectures for Evaluation</b>			

Unit	Unit Title	Teaching methodology	Project (If any)	Outcome expected	Weightage of Marks (%)
				Conceptual understanding Knowledge/Skills/Attributes etc	

Unit	Evaluation Method	Marks (50)		Project/Practical (If any)
		Formative Assessment		

<b>I</b>	jQuery Introduction	Lecture method			<ul style="list-style-type: none"> <li>• Disciplinary knowledge</li> <li>• Critical thinking</li> <li>• Moral and Ethical Awareness/Reasoning</li> </ul>	35%
<b>II</b>	HTML Manipulation	Lecture method			<ul style="list-style-type: none"> <li>• Problem Solving</li> <li>• Analytical Reasoning</li> <li>• Reflective Thinking</li> <li>• Application Skills</li> <li>• Employability</li> </ul>	35%
<b>III</b>	Effects and Events Effects:	Lecture method			<ul style="list-style-type: none"> <li>• Problem Solving</li> <li>• Critical thinking</li> <li>• Reflective Thinking</li> <li>• Professional Skills</li> <li>• Application Skills</li> </ul>	30%

		<b>CCE I (25)</b>	<b>CCE II (25)</b>		
<b>I</b>	MCQ	MCQ	MCQ Exam		Nil
<b>II</b>	MCQ	MCQ Problem Solving	MCQ Exam		Nil
<b>III</b>	MCQ and assignment	Assignment	MCQ Exam		Nil

**Suggested Readings:**

<b>Sr. No</b>	<b>Title of Book</b>	<b>Author/s</b>	<b>Publication</b>
1	jQuery pocket reference	by David Flanagan	
2	Learning jQuery	by Jonathan Chaffer	

3	JavaScript and jQuery	by David Sawyer McFarland	
---	-----------------------	------------------------------	--