



**JQuery (ADD On)**  
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**[SKILL ENHANCEMENT COURSE]**

• Semester: IV      Credits: 2      Subject Code: ADBC42101      Lectures: 30

Credit Distribution: - 1 credit for theory (15 Lectures) and 1 credit for Practical's.

Note: -

**Course Outcomes:**

At the end of this course, the learner will be able to,

- Relate the concepts of JavaScript and jQuery.
- Discuss the working of binding events to the controls in JavaScript.
- Learn how to download jQuery library and refer it to the HTML page.
- Discuss Traversing of HTML elements.
- Describe the handling of different events for different Controls.

**Unit 1: Introduction**

**05**

- jQuery Introduction
- Install and Use jQuery Library
- Un-Obtrusive JavaScript
- First jQuery Example
- jQuery Syntax
- How to escape a special character
- Basic Selectors
- Traversal Functions

**Unit 2: HTML Manipulation**

**05**

- Getting/Setting values from elements
- Handling attributes
- Inserting New elements
- Deleting/Removing elements
- CSS manipulations
- Dimensions
- Positioning

**Unit 3: Effects and Events**

**05**

**Effects:**

**5**

- Showing/Hiding elements
- Sliding elements

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Head of the Department	Asst. Prof. Smita Borkar	



Events:

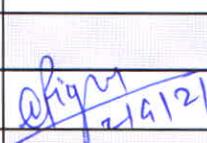
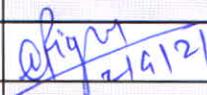
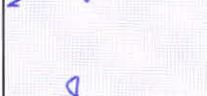
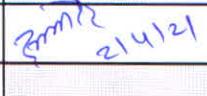
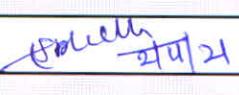
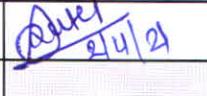
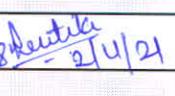
- Working with events

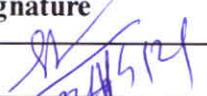
**Reference Books:**

- Robin Nixon, *Learning PHP, MySQL & JavaScript with jQuery, CSS & HTML5 Paperback*, O'Reilly Publication, 2015
- David Sawyer McFarland, *JavaScript & jQuery: The Missing Manual Paperback*, O'Reilly Publication, 2014

**Recommended websites: -**

- <https://www.geeksforgeeks.org/fundamentals-of-algorithms/>
- [edrawsoft.com/explain-algorithm-flowchart.html](http://edrawsoft.com/explain-algorithm-flowchart.html)
- <https://www.visual-paradigm.com/tutorials/flowchart-tutorial/>

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