

## JQUERY

**Duration:** 6 hours

**Prerequisite** - Participants should have basic knowledge of HTML & CSS. Basic knowledge of JavaScript or another programming language is beneficial.

**Course Objectives-** You have experience working with jQuery, but you want to take it to the next level. This course will offer a deep dive into the configuration techniques you'll need to build a Websites and Applications. We'll cover a set of modules that are essential to large-scale sites and cover topics ranging from managing media and content moderation to configuring an advanced search interface.

You'll also learn about concepts like Configuration Management that are key to maintaining a successful Application.

### Lab Setup Details -

#### Hardware requirement -

CPU : I4/I5 , Hard Disk : 50GB , RAM :8 GB

#### Software requirement:

NOTEPAD++ <https://notepad-plus-plus.org/download/v7.5.1.html> (DOWNLOAD VER 7.5.1)

SUBLIME TEXT3 <https://www.sublimetext.com/3>

Browser Google Chrome OS Window 10

### Course Content-

#### Get off to a fast start with jQuery

- Introduction to jQuery
- The basics of jQuery programming
- The Email List application in jQuery
- A working subset of selectors, methods, and event methods
- Three illustrative applications

#### How to use effects and animations

- How to use effects
- A Slide Show application with effects
- How to use animation
- A Carousel application with animation
- How to use the DOM manipulation and traversal methods
- The DOM manipulation methods
- The TOC application
- The methods for working with styles and positioning
- The DOM traversal methods
- How to work with forms and data validation
- Introduction to forms and controls
- How to use jQuery to work with forms
- A Validation application that uses JavaScript