

## VUEJS

**Duration-** 16Hours

**Prerequisite** - Participants must have a good understanding of HTML, CSS and JavaScript  
Course Objectives

### Course Objective -

- The nature of Vue and how it can be incrementally it's implemented.
- Master building the Vue templates.
- Bind Vue code into HTML style classes and inline styles.
- Handle the events in your Vue applications.
- Implement unit tests in your Vue applications.
- Deploy Vue.js applications.

### Software requirement:

- XAMPP <https://www.apachefriends.org/download.html> (DOWNLOAD VERSION 5.6.31)
- MSOFFICE 2010
- NOTEPAD++ <https://notepad-plus-plus.org/download/v7.5.1.html> (DOWNLOAD VER 7.5.1)
- SUBLIME TEXT3 <https://www.sublimetext.com/3>
- Visual Studio Code <https://code.visualstudio.com/download>
- PDF READER <https://adobe-reader.en.softonic.com/download>
- Browser Google Chrome OS Window 10

### Course Outline

Day 1 :

- Getting Started to Vue JS
- Using Vue JS to Interact with the DOM
- Using Conditionals and Rendering Lists
- First Course Project — The Monster Slayer
- Understanding the Vue JS Instance
- Moving to a “Real” Development Workflow with Webpack and Vue CLI
- An Introduction to Components
- Communicating between Components
- Advanced Component Usage
- Second Course Project — Wonderful Quotes

Day 2 :

- Handling User Input with Forms
- Using and Creating Directives
- Improving your App with Filters and Mixins
- Adding Animations and Transitions
- Connecting to Servers via Http — Using vue-resource
- Routing in a Vue JS Application
- Better State Management with Vuex
- Final Project — The Stock Trader
- Deploying a Vue JS Application