

## Bootstrap Course Contents (3 Days)

**Duration:** 24 hours – 3 full days

**Prerequisite** - Participants must have a good understanding of HTML5, CSS3, JAVA SCRIPT, PHP and MYSQL

**Course Objectives**- You have experience working with Bootstrap, 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 fully functioning Bootstrap site. 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 Bootstrap site.

### Lab Setup Details :

#### Hardware requirement:

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

#### 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 :

- Introduction to HTML/HTML5
- HTML5 and CSS3 Introduction
- Introduction to HTML5
- New structural elements
- Other elements and attributes
- Implement HTML5 Forms
- Introduction to HTML5 forms
- Accessible forms
- New input types
- New form attributes
- New elements related to forms
- Form validation API
- Build your first professional Web Page
- Introduction to Bootstrap
- Creating Layouts with Bootstrap
- Responsive Web design with Bootstrap

**Day 2 :**

- Bootstrap Grid System
- Bootstrap Grid System - Advanced.
- Bootstrap CSS - Understanding the CSS
- CSS Customization / Skins
- Single Page Responsive site with Bootstrap
- Introduction to LESS and SASS
- Customizing Bootstrap3 with LESS
- Bootstrap Plug-ins
- Bootstrap Layout Components
- Building Websites with Bootstrap

**Day 3 :**

Bootstrap Plug-ins :

- Transition
- Modal
- Dropdown
- Scrollspy
- Tab
- Tooltip

Single Page Responsive site with Bootstrap

Customizing Bootstrap3

- Popover
- Alert
- Button
- collapse
- Carousel
- Affix

Building Websites with Bootstrap - Full Case Study