

Workshop	
Name	Bootstrap
Learning Objective	Developing front-end framework for building responsive websites using Bootstrap
Duration	2 Days
Participants' Entry Profile	To get the most out of the course, you should be somewhat familiar with HTML, CSS, and JavaScript. Prior exposure to XML and Ajax is helpful, but not required.
Training Methodology	<p>The workshop will follow Synergetics methodology of</p> <ul style="list-style-type: none"> • Concept Visualization • Active Experimentation • Application Development <p>The workshop will be 100% Hands-On with each participant having access to system during the session.</p>
Setup Requirements	
Hardware and Software Requirements	<p>Participant's as well as Trainer's Machine are required to have :</p> <p>Hardware / Software</p> <ul style="list-style-type: none"> • Intel® Core™2 Duo Processor • 4 GB RAM minimum • 100 GB free in the hard disk • Internet connection • OS: Windows 7 • Web Server: IIS 7 <p>Browsers</p> <ul style="list-style-type: none"> • IE9, Opera 11.X, Google Chrome 18.0, Firefox 11.0 <p>Development tools.</p> <ul style="list-style-type: none"> • Adobe Dreamweaver CS5.5 OR Aptana Studio 3 OR Visual Studio 2012
Training Lab Requirements	Whiteboard 6 feet by 4 feet (minimum) Whiteboard markers – Red, Blue, Green, Black Video Projector (1024 X 768 resolutions)

Course Content**Day 1**

- **Introduction to Bootstrap**
 - Designers and Developers
 - Inside Bootstrap 3
 - The Mobile Web
 - Responsive Web Design
 - Bootstrapping of the Web

- **Layout with Bootstrap**
 - Introduction
 - Grid Layouts
 - Simple Layout
 - Fixed Grids
 - Fluid Grids
 - Responsive Design
 - Responsive Utilities

- **Everyday Bootstrap**
 - Introduction
 - Typography
 - Tables
 - Forms
 - Buttons
 - Images and Icons

- **Bootstrap Components**
 - Introduction
 - Dropdown Menus
 - Buttons with Menus
 - Tabs and Pills
 - The Navbar
 - Heros, Badges, Labels, and Media

Day 2

- **Bootstrap and JavaScript**
 - Introduction
 - More Buttons
 - Modals
 - Tooltips and Popovers
 - Scrollspy
 - Typeahead
 - Carousel

- **Structure Of A Modern Web Page using HTML5**
 - HTML5 DOCTYPE

- Page Encoding
- HTML5 Markup
- New And Updated Elements
- Structural Elements
- New Attributes
- Deprecated Elements And Attributes
- Browser Support

➤ **Layout your Webpages**

- CSS3 Box properties
- CSS3 display, float, margin, position properties
- Multi column layout
- Responsive layout using Media query

➤ **HTML5 New Features Overview**

- Audio & Video
- Canvas
- Geolocation
- Storage
- Web Workers
- Web Socket
- Messaging