# Bootstrap Training



## Course Description:

This hands-on course conveys the fundamental skills necessary to design and build responsive web sites for mobile devices such as phones and tablets. Attendees will use responsive web design (RWD) techniques such as CSS3 media queries and flexible layouts to build mobile-compatible web sites. Students will learn how to test mobile websites using emulators and simulators.

The course also provides an extensive introduction into using the jQuery for building mobile-specific web sites. Students will also learn how to integrate Google Maps integration and implementing server-side data access.

Additional topics include responding to user events, configuring jQuery Mobile defaults and using page transitions. Comprehensive hands on exercises are integrated throughout to reinforce learning and develop real competency.

## Course Prerequisites:

Prior experience of html ,css3 and jquery required.

## Target Audience:

This course is specially designed for the B.Tech /B.E(CSE/IT/EEE/ECE/Mech) and all other IT related Graduates and Post Graduate students. Mission Professionalism has conquered the job

scenario and companies seek for well qualified, professional and skilled manpower. Quality Education and Performance Oriented Training is our motto.

# What Student/Professionals Will Learn?

- Setting the viewport of a Website
- Writing CSS3 media queries
- Scaling images and media
- Creating responsive navigation and layouts
- Using both CSS and jQuery to create tables that are responsive
- Creating a jQuery Mobile page using the single page and multi page templates
- Configuring fixed and full-screen toolbars
- Configuring jQuery Mobile using the event and the $.mobile object
- Using layout grids to format page content
- Using the Panel widget to display a panel on a page
- Creating collapsible content blocks using the Collapsible widgets
- Building reflow and column-toggle tables using the Table widget
- Building a responsive form using jQuery Mobile widgets
- Providing filter capability to a page using the Filterable widget
- Integrating jQuery Mobile with Web Services
- Designing and building a responsive Website

# COURSE-CONTENT

## Module 1: OVERVIEW

- What is Twitter Bootstrap?
- History
- Why Use Bootstrap?
- What Bootstrap Package Includes?

## Module 2:-ENVIRONMENT SETUP

- Download Bootstrap
- File structure
- HTML Template

## Module 3:- GRID SYSTEM

- What is a Grid?
- What is Bootstrap Grid System?
- Working of Bootstrap Grid System
- Media Queries
- Grid Options
- Responsive Column Resets
- Offset Columns
- Nesting Columns
- Column Ordering

## Module 4:- CSS OVERVIEW

- HTML5 doctype
- Mobile First
- Responsive Images
- Typography and Links
- Normalize
- Containers

## Module 5:- TYPOGRAPHY

- Headings
- Lead Body Copy
- Emphasis
- Abbreviations
- Addresses
- Blockquotes
- Lists

## Module 6:- CODE

## Module 7:- TABLES

- Basic Table

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- Optional Table Classes
- Contextual classes
- Responsive tables

## Module 8:- FORMS

- Form Layout
- Supported Form Controls
- Static Control

## Module 9:-COURSE-CONTENT

- Form Control States
- Form Control Sizing
- Help Text

## Module 10:- BUTTONS

- Button Size
- Button State
- Button Tags

## Module 11:- IMAGES

## Module 12:- HELPER CLASSES

- Close icon
- Carets
- Quick Floats
- Center Content Blocks
- Clearfix
- Showing and Hiding Content
- Screen Reader Content

## Module 13:- RESPONSIVE UTILITIES

- Print Classes

## Module 14:- GLYPHICONS

- What are Glyphicons?
- Where to find Glyphicons?
- Usage

## Module 15:- BUTTON GROUPS

- Basic Button Group
- Button Toolbar
- Button Size
- Nesting
- Vertical Buttongroup

## Module 16:- BUTTON DROPDOWNS

- Split Button Dropdowns
- Button Dropdown Size
- Dropup Variation

## Module 17:- INPUT GROUPS

- Basic Input Group
- Input Group Sizing
- Checkboxes and Radio Addons
- Button Addons
- Buttons with Dropdowns
- Segmented Buttons

## Module 18:- NAVIGATION ELEMENTS

- Tabular Navigation or Tabs
- Pills Navigation
- Justified Nav
- Disabled Links
- Dropdowns

### Module 19:- NAVBAR

- Default Navbar
- Responsive Navbar
- Forms in Navbar
- Buttons in Navbar
- Text in Navbar
- Non-nav Links
- Component Alignment
- Fixed to Top
- Fixed to Bottom
- Static Top
- Inverted Navbar

### Module 20:- BREADCRUMB

### Module 21:- PAGINATION

- Pagination
- Pager

### Module 22:- LABELS

### Module 23:- BADGES

- Active Nav States

### Module 24:- JUMBOTRON

### Module 25:- PAGE HEADER

### Module 26:- THUMBNAILS

- Adding Custom Content

### Module 27:- ALERTS

- Dismissal Alerts

- Links in Alerts

## Module 28:- PROGRESS BARS

- Default Progress Bar
- Alternate Progress Bar
- Striped Progress Bar
- Animated Progress Bar
- Stacked Progress Bar

## Module 29:- MEDIA OBJECT

## Module 30:- LIST GROUP

- Adding Badges to List Group
- Linking List Group Items
- Add Custom Content to List Group

## Module 31:- PANELS

- Panel with Heading
- Panel with Footer
- Panel Contextual Alternatives
- Panel with Tables
- Panel with Listgroups

## Module 32:- WELLS

- Sizing

## Module 33:- PLUGINS OVERVIEW

- Data Attributes
- Programmatic API
- No Conflict
- Events

## Module 34:- TRANSITION PLUGIN

- Use Cases

## Module 35:- MODAL PLUGIN

- Usage
- Options
- Methods
- Events

## Module 36:- DROPDOWN PLUGIN

- Usage
- Options
- Methods

## Module37:- SCROLLSPY PLUGIN

- Usage
- Options
- Methods
- Events

## Module 38:- TAB PLUGIN

- Usage
- Fade Effect
- Methods
- Events

## Module 39:- TOOLTIP PLUGIN

- Usage
- Options
- Methods
- Events

## Module 40:- POPOVER PLUGIN

- Usage
- Options
- Methods
- Events

## Module 41:- ALERT PLUGIN

- Usage
- Options
- Methods
- Events

## Module 42:- BUTTON PLUGIN

- Loading State
- Single Toggle
- Checkbox
- Radio
- Usage
- Options
- Methods

## Module 43:- COLLAPSE PLUGIN

- Usage
- Options
- Methods

# INTEGER Innovation will provide:

- Training Slides taught during training by trainers
- Programmatic Examples
- Assignments of each topic in a module
- Demos executed during training session.

- Software's and installation guide (for future help)
-  E-books for further reading in depth
- Reference links
- 24X7 online support for any queries or doubts.