HTML5,CSS3,BOOTSTRAP & ANGULAR 2

1.5 DAYS

Introduction of Web Designing

• Introduction to Web Technologies

• **How the Website Works ?**

• **Client and Server Scripting Languages**

• Difference between a Web Designer and Web Developer

• Types of Websites (Static and Dynamic Websites)

HTML /HTML 5

• What is Markup Language

• Basic Structure of HTML

• **Head Section and Elements of Head Section**

• **Meta Tags**

• External Link Tags

• HTML Structure Tags

• Content / Media Tags

• **Working with Forms**

• Introduction to HTML5

• Whats new in HTML5

• **HTML5 DocType**

• New Structure Tags

• New Form Tags

- New Media Tags

- Designing a Layout using HTML5

Cascading Style Sheets(CSS3)

- Introduction to Cascading Style Sheets

- **Types of Style Sheets (Inline, Internal and External)**

- CSS for Website Layout and Print Layout

- **Types of CSS Selectors**

- CSS properties

- Using CSS for Realtime Practical Works

- Introduction to CSS 3

- **New CSS3 Properties**

- CSS Rounded Corners

- Border Images

- **Border Shadows**

- **CSS Gradients**

- CSS Background properties

- Text-Shadow Property

- Text-Stroke Property

- Using CSS3 in Practical Layout

Basic BootStrap (Creating Responsive Web Design)

- Introduction to Bootstrap

- Bootstrap Grid System

- **Bootstrap Grid System - Advanced.**

- Creating Layouts with Bootstrap

- Bootstrap CSS - Understanding the CSS

- CSS Customization / Skins

- **Responsive Web design with Bootstrap**

- Single Page Responsive site with Bootstrap

- Bootstrap Plug-ins

- **Bootstrap Layout Components**

- **Building Websites with Bootstrap**

Bootstrap Plug-ins :

- **Transition**

- Modal

- **Dropdown**

- Scrollspy

- Tab

- Tooltip

- Popover

- Alert

- Button

- **collapse**

- **Carousel**

1.5 DAYS

ANGULAR 2

- Introduction to Angular 2
- Introduction to TypeScript and ES6
- Components in Angular 2
- Data and Event Binding
- Attribute Directives and Property Bindings
- Structural Directives
- Template Driven Forms
- Service and Dependency Injection
- HTTP Client
- Pipes and Data Formatting
- Introduction to Single Page Application
- The Angular Component Router
- Introduction to Node.JS
- Module and Dependency Management
- Build and Dependency Management
- Build re-usable components
- Render tabular lists with filtering, sorting and pagination & Build forms with client-side validation
- Format data using pipes
- Implement custom pipes
- Use Reactive Extensions and observables to handle asynchrony
- Implement CRUD operations
- Implement navigation
- Use dependency injection to write loosely-coupled, testable code
- Troubleshoot common runtime errors
- Write cleaner, more maintainable code
- Jasmine testing
- Handling exceptions in angular 2
- Angular2 Material design
- Angular CLI, build and deployment on Web server

Building Websites with HTML5, Bootstrap & Angular2 - Full Case Study/Live Project Exposure