
Advanced Responsive UI/UX Web Designing Live Course

HTML5 | CSS3 | JQuery | JavaScript | Bootstrap Framework

Module 1 - HTML & XHTML (Extensible Hyper Text Markup Language)

- Difference between HTML and XHTML.
 - Why XHTML? not HTML.
 - Understanding DOCTYPE.
 - Understanding basic XHTML tags
 - General form of a tag.
 - HTML attributes.
 - Basic text styling.
 - HTML Heading.
 - HTML Paragraph.
 - HTML fonts.
 - HTML color codes.
 - Hexadecimal color coding.
 - Working with table.
 - Adding image to webpage.
 - Working with Anchor, Image and Iframe tag.
 - Working with HTML forms.
 - Basic layout design using tables.
 - Learning about the various deprecated tags in XHTML
- **VS Code IDE**
 - Installations.
 - Introduction to VS Code.
 - Understanding the 3 modes (Design, Split, and Code).
 - **CSS2 (Cascading Style sheet)**
 - Use of CSS.
 - Three types of CSS.
 - Basic CSS properties.
 - Basic text styling using CSS.
 - CSS Background Properties.
 - CSS box model.
 - Border.
 - Padding.
 - Margin.
 - Tag selector, Id selector, Class selector, Attribute selectors.

- Grouping and Nesting of selectors.
- Pseudo classes and Pseudo elements.
- Working with DIV tags.
- Understanding DIV alignment, float, and clear properties.
- Understanding CSS positions.

- Layout and template design (Building Table less websites).
- **Creating Simple drop-down menus.**
- **Fixing the compatibility issues is Various Browsers.**

Module 2 - JavaScript

- Use of JavaScript.
- DHTML.
- JavaScript Popup boxes.
- JavaScript Events.
- Events handling.
- Manipulating DOM with JavaScript.
- JavaScript Operators.
- Control Structure.
- Writing functions.
- Tag and ID selector.
- JavaScript Objects.
- **Making Light box with JavaScript.**
- **Making an image viewer with JavaScript**
- Working with arrays.
- JavaScript Timers.
- **Making JavaScript Image Slide Show**
- JavaScript Date and Time Functions.
- JavaScript form validations using Regular Expression.
- Application of JavaScript.

➤ JQuery

- JQuery syntax.
- JQuery selectors.
- Creating, inserting, and manipulating web page content.
- JQuery predefined functions.
- Understanding JQuery plugins.
- Using event ready handlers that work across browsers.
- Working with JQuery effects, such as showing, hiding, sliding and fading page elements.
- JQuery call-back functions.
- Creating custom animations with specialized properties and options.
- JQuery events.
- Understanding Elements Hierarchy.
- Using the JQuery UI plug-in to give pages a polished look.
- Developing JQuery applications and Plugins (like Facebook and Twitter).
- Making JQuery sliding menus.
- Making JQuery lightbox.
- Making JQuery image slider.
- Making JQuery image slideshow.
- Making jQuery Image Carousel.
- Making JQuery Image Zoom viewer.
- Making JQuery Collapsible Menu.

Module 3 - CSS 3

- Understanding CSS3.
- Using CSS3 advance Tag and Attributes selectors.
- Clearfix with CSS3.
- CSS3 Rounded Coners.
- CSS3 Box shadow properties.
- CSS3 Text Shadow properties.
- CSS3 Background Gradients.
- Making beautiful buttons using CSS3.

- CSS3 Transformations Properties.
- CSS3 Rotate, Translate, Skew, Scale properties.
- CSS3 transitions.
- CSS3 transitions delays.
- CSS3 transition functions.
- CSS3 key frames.
- Creating animations Using Keyframes
- Animating webpages using CSS3.

- Mixing CSS3 and JQuery animations to create advance plugins.
- CSS3 Image slideshow.
- CSS3 Media Queries.
- Understanding Responsive Layouts.

➤ **HTML5**

- What is HTML5?
- How is HTML5 different from XHTML.
- Drawbacks of XHTML.
- HTML5 future uses.
- Understanding HTML5 doctype.
- HTML5 Basic tags.
- HTML5 Advance Tags.
- Replacing XHTML Divs with HTML5 advance tags.
- Making a website template using HTML5.
- Fixing HTML5 compatibility issues in different browsers.
- HTML5 SHIV.

- Making Basic Responsive Layout in CSS3 Media Query.
- Making Advance Website Template in CSS3 Media Query.

- Making HTML5 compatible in IE-8 and lesser using HTML5 SHIV.
- HTML5 custom data attributes.
- Holding custom data in HTML5 data attributes.
- Working with HTML5 data attributes and jQuery.
- Understanding HTML5 Canvas.
- Working with HTML5 Canvas using JavaScript and jQuery.
- Drawing runtime graphics and Animations using HTML5 Canvas.
- Playing with HTML5 canvas animations and characters using JavaScript and jQuery.

Module 4 - Twitter Bootstrap Framework

- Downloading and Installing Bootstrap 3 framework.
- Understanding various Components of Bootstrap Framework.
- Working with Bootstrap Components
 - Navbar
 - Menu
 - Buttons
 - Jumbotron
 - Input groups
 - Buttons
 - Page Header
 - Page Footer
 - Forms
 - Panels
- Making jQuery Slider in Bootstrap 3.
- Making Responsive GRID layout using Bootstrap GRID.
- Making a final Website Layout.

➤ **Website Hosting**

- Webhosting basics.
- Hosting packages.
- File Manager.

- Creating Email accounts.
- Using FTP client.
- Working with FileZilla.
- Making your website LIVE.

➤ **Understanding Compatibility issues**

- Issues with different browser versions.
- Issues with CSS.
- Testing a website in different browsers.

➤ **SEO (Search Engine Optimization)**

- Understanding SEO and its scope.
- Difference between On page and Off page SEO.
- Understanding Google Search Engine.
- Meta Description and Keywords.
- Enhancing SEO of your website.

➤ **Tools and IDE used**

- Notepad++
- Dreamweaver
- Adobe Photoshop.

Module 6 - Project

- **Live Project on Static Website**

Please find the course details. Classes & Course can be designed/customize as per request

<i>Course Module</i>	<i>Course Duration</i>
Responsive UI/UX Web Designing Live Course	40-45 (Hours)

Batch Timings -

<i>Days</i>	<i>Class Available Between</i>	<i>Class Duration</i>	<i>Course Duration</i>
Monday-Friday	09:00 11:00 2:30 4:30	2 Hours	1 Month
Saturday & Sunday	09:00 11:00 2:30 4:30	3 Hours	2 Months
Sunday	09:00 11:00 2:30 4:30	4 Hours	3 Months