

# Web Designing Plan

Course Duration : 90 Days

## Topics & Details

### Introduction to Web Design:

- ★ Understanding the basics of web design and its importance.
- ★ Introduction to UX (User Experience) and UI (User Interface) design principles.
- ★ Exploring popular websites and discussing design elements.

### Fundamentals of HTML:

- ★ Introduction to HTML (Hypertext Markup Language).
- ★ Understanding HTML tags, elements, and attributes.
- ★ Creating a basic web page structure using HTML.

### Introduction to CSS:

- ★ Introduction to CSS (Cascading Style Sheets).
- ★ Styling HTML elements using CSS properties (color, font, margin, padding).
- ★ Understanding CSS selectors and applying styles to different elements.

### Layout and Responsive Design:

- ★ Building responsive layouts using CSS grid and flexbox.
- ★ Understanding media queries for creating responsive designs across devices.
- ★ Mobile-first design approach and viewport settings.



## Typography and Color Theory:

- ★ Exploring different fonts and typography styles.
- ★ Understanding color theory, color wheels, and creating harmonious color schemes.
- ★ Applying fonts and colors to enhance the visual appeal of websites.

## Images and Multimedia:

- ★ Adding images and multimedia elements to web pages.
- ★ Optimizing images for the web (file formats, compression techniques).
- ★ Embedding videos and audio files using HTML5.

## Introduction to Web Design Tools:

- ★ Familiarity with popular web design tools like Adobe XD, Sketch, or Figma.
- ★ Basic usage of design tools for wireframing and prototyping.

## CSS Transitions and Animations:

- ★ Creating smooth transitions and animations using CSS.
- ★ Applying hover effects and animations to enhance user interaction.

## Introduction to Bootstrap:

- ★ Overview of Bootstrap framework for rapid web development.
- ★ Using Bootstrap components and grids for responsive designs.

## Introduction to JavaScript:

- ★ Basic understanding of JavaScript for interactive elements and dynamic content.
- ★ Adding interactivity with simple JavaScript functions (e.g., form validation).



## User Interface (UI) Design Principles:

- ★ Understanding UI design principles such as consistency, feedback, and simplicity.
- ★ Designing user-friendly forms and interactive elements.

## Web Design Project:

- ★ Guided project: Designing a responsive and visually appealing website.
- ★ Implementing the learned concepts into a practical web design project.

## Web Design Portfolio Development:

- ★ Creating an online portfolio to showcase completed web design projects.
- ★ Writing project descriptions and presenting work effectively.

## Usability Testing and User Feedback:

- ★ Introduction to usability testing methods.
- ★ Collecting and implementing user feedback for design improvements.

## Web Design Trends and Emerging Technologies:

- ★ Exploring current web design trends and technologies (such as dark mode, micro-interactions).
- ★ Understanding the impact of emerging technologies like AI and VR on web design.

## Examination & Certification:

- ★ At the final step appear in the final examination and get final certificate.

