

Website Designing Syllabus

Introduction to Web Technologies

- Introduction to Website.
- How the website works?
- Layouts & Composition.
- Client Side & Server Side Scripting.
- Difference b/w “Web Designer” & “Web Developer”.
- Types of Websites (Static & Dynamic)
- Web Standards & W3C Recommendations.

Web Structures & Templates

- Website Basic Structures.
- Advanced Web Structures.
- Latest Web Structures.
- UX Concept Overviews.

Color Combination Theory

- Three Color Combination Concepts.
 - Compound Color Scheme
 - Analogous Color Scheme
 - Triadic Color Scheme
- Complementation, Contrast, Vibrancy in Colors.
- Color Combination ratio.

Designing Web Elements & Creations (Adobe Photoshop)

In this unit you will learn how to design your imaginary website in Photoshop by using Photoshop designing tools.

- Introduction to Adobe Photoshop.
- About Image Types (Vector and Bitmap).
- File types in Photoshop.
- Guide tour to Photoshop Tools & palettes.
- Working with Layers, Smart Objects.
- Working with Blending options.
- Learning different Layer Styles.
- Working with Filter Effects and Plugins.
- Creating Animations in Photoshop.
- Creating Headers, Banners, Footers, Mock-Ups, Navigations.
- Complete Website Layout Design.
- Photoshop Editing Tools.
- Photoshop Layer Masking, Layer Clipping.

PSD to Browser Conversion (HTML & CSS)

Introduction to HTML

- What is HTML (Markup Language?)
- Basic Structure of HTML.
- Introduction to Head Section & Meta Tags.

HTML Basic Tags

- Heading Tags.
- Structure Elements.
- Semantic and Non-Semantic Elements.
- Block Level & Inline Elements.
- Paired & Unpaired Elements.

Content & Media Elements

- Paragraph Element.
- Span & Pre Element.
- Image Element.
- Iframe, Embed & Objects Element.
- Anchor Element.

HTML Form Element & Attributes

- Input Element & its various Types.
- Creating Dropdown with “Select & Option” Elements.
- Uploading Files & Hidden Fields.
- Creating Submit & Reset Buttons.
- Creating User Login & Signup Forms.
- Creating Register Forms using Form Elements.

Introduction to Basic CSS (Cascading Style Sheet)

- What is CSS?
- Role of CSS in Web Designing.
- Different Types of CSS.
- Rule of CSS.
- CSS Box Model.
- CSS Selectors
- Class Selector.
- ID Selector.
- Child Selector.
- Type Selector

CSS Properties

- Different Font Properties.
- Background Properties.
- Border Properties.
- Positioning Properties.

- Display Properties.
- List Properties.
- Useful CSS Properties Remaining.
- Inside & Outside Spacing Properties.
- Difference between “Attributes” & “Properties”.

Advance HTML Concepts (HTML 5)

- Introduction to HTML 5.
- Difference b/w HTML & HTML 5.
- HTML Doctype.
- New Structure Elements
- Section Element.
- Article Element.
- Nav Element.
- Header Footer.
- Footer Element.

New Form Elements

- Search
- Tel
- url
- email
- Number and Range

New Media Elements

- Audio Element.
- Video Element.
- Iframe Element.
- Source Element.

Designing Landing pages

Single Screen Layout Design

Advance CSS Concepts (CSS 3)

- Introduction to CSS 3.
- New CSS 3 Properties.
- CSS Rounded Corners.
- Border Images.
- Shadows Effects with CSS 3.
- Gradient Effects with CSS 3.
- Text Shadow Effects with CSS 3.
- Using CSS 3 in Practical Layout.

Responsive Website Designing

- Introduction to Responsive Designing.
- How we make a design Responsive?
- Using Media Queries.
- Using Frameworks (Twitter Bootstrap, Zurb Foundation).
- Twitter Bootstrap Framework Components.
- CSS
- Components
- JavaScript
- Customizing

Zurb Foundation Framework Components.

- Optimizing Website layout or Template.
- JavaScript Concepts.

UX & UI Designing Concepts

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WordPress Introduction & Overview

Test / Assignments for Certifications

Practical Tests

Written Tests

Speed Test