

# Website Design Diploma Syllabus

## HTML

- ❖ Introduction of different Web Technology
- ❖ Introduction
- ❖ HTML Elements
- ❖ HTML Attributes
- ❖ HTML Headings
- ❖ HTML Paragraphs
- ❖ HTML Formatting
- ❖ HTML Fonts
- ❖ HTML Styles
- ❖ HTML Links
- ❖ HTML Images
- ❖ HTML Tables
- ❖ HTML Lists
- ❖ HTML Forms
- ❖ HTML Frames
- ❖ HTML Iframes
- ❖ HTML Colors
- ❖ HTML Colornames
- ❖ HTML Colorvalues
- ❖ HTML Quick List
- ❖ HTML Layout
- ❖ HTML Doctypes
- ❖ HTML Head
- ❖ HTML Meta
- ❖ HTML Scripts
- ❖ HTML Entities
- ❖ HTML URLs
- ❖ HTML URL Encode
- ❖ HTML Media
- ❖ HTML Audio
- ❖ HTML Object
- ❖ HTML Video
- ❖ HTML YouTube
- ❖ HTML Media Tags
- ❖ HTML Summary

## HTML5

- ❖ HTML5 Introduction
- ❖ HTML5 New Elements
- ❖ HTML5 Video
- ❖ HTML5 Video/DOM
- ❖ HTML5 Audio
- ❖ HTML5 Drag and Drop
- ❖ HTML5 Canvas
- ❖ HTML5 SVG
- ❖ HTML5 Canvas vs. SVG
- ❖ HTML5 Geolocation
- ❖ HTML5 Web Storage
- ❖ HTML5 App Cache
- ❖ HTML5 Web Workers
- ❖ HTML5 SSE
- ❖ HTML5 Tags

## CSS

- ❖ CSS Introduction
- ❖ CSS Syntax
- ❖ CSS Id & Class
- ❖ CSS Styling
- ❖ Styling Backgrounds
- ❖ Styling Text
- ❖ Styling Fonts
- ❖ Styling Links
- ❖ Styling Lists
- ❖ Styling Tables
- ❖ CSS Box Model
- ❖ CSS Box Model
- ❖ CSS Border
- ❖ CSS Outline
- ❖ CSS Margin
- ❖ CSS Padding
- ❖ CSS Advanced
- ❖ CSS Grouping/Nesting
- ❖ CSS Dimension
- ❖ CSS Display
- ❖ CSS Positioning
- ❖ CSS Floating
- ❖ CSS Align
- ❖ CSS Navigation Bar
- ❖ CSS Image Gallery

## CSS3

- ❖ Introduction to CSS 3

### New CSS 3 Selectors

- ❖ Attribute Selectors
- ❖ First-of-type
- ❖ Last-of-type
- ❖ Nth-child
- ❖ Element:empty

### New CSS3 Properties

- ❖ Custom Fonts
- ❖ Text-Shadow Property
- ❖ Text-Stroke Property
- ❖ Rounded Corners
- ❖ Box Shadows
- ❖ CSS Gradients
- ❖ CSS Multiple Backgrounds
- ❖ Opacity Property
- ❖ Transition effect
- ❖ Transform effect
- ❖ Animation effects
- ❖ CSS Media Queries
- ❖ Using CSS3 in Practical Layout
- ❖ CSS Image Opacity

## Java Script

- ❖ Introduction to Client Side Scripting
- ❖ Introduction to Java Script
- ❖ Javascript Types
- ❖ Variables in JS
- ❖ Operators in JS
- ❖ Conditions Statements
- ❖ Java Script Loops
- ❖ JS Popup Boxes
- ❖ JS Events
- ❖ JS Arrays
- ❖ Working with Arrays
- ❖ JS Objects
- ❖ JS Functions

## Bootstrap

- ❖ Introduction to Bootstrap
- ❖ Bootstrap Grid
- ❖ Container
- ❖ Offset Column
- ❖ Responsive Images
- ❖ Class Properties
- ❖ Bootstrap Tables
- ❖ Bootstrap Form Layout
- ❖ Bootstrap Button
- ❖ images in different styles like Circle shape
- ❖ Glyphicons Component
- ❖ Dropdown Menu Component
- ❖ Button Groups and Button Toolbar
- ❖ Input Groups Components
- ❖ Navigation Pills & Tabs Components
- ❖ Responsive Navbar
- ❖ Breadcrumb
- ❖ Pagination
- ❖ Labels / Badge
- ❖ Thumbnail
- ❖ Create Progress Bar

## Web Hosting

- ❖ Web Hosting Basics
- ❖ Types of Hosting Packages
- ❖ Registering domains
- ❖ Defining Name Servers
- ❖ Using Control Panel
- ❖ Creating Emails in Cpanel
- ❖ Maintaining a Website