



### **Web design and Development Course Objective**

- Introduction to Web Technologies
- Careers in Web Technologies and Job Roles
- How the Website Works?
- Client Side Scripting and Server Side Scripting
- Domains and Hosting
- Static Website Designing, Dynamic Websites and Web Apps
- Web Standards and W3C recommendations
- PHP MySQL Web Developer Syllabus

### **Why choose Apponix as a Top Web design & Development Training Institute in Bangalore?**

- Apponix has best experienced and multi skilled instructors.
- We provide 100% job guarantee for this course
- More than 2000 students already completed this courses and secured a job.
- We have excellent lab facility and all our classrooms are Air-Conditioned to make students comfortable while learning.
- Each student is given a desktop to practice throughout the course.
- Apponix has tied up with many companies & consultancies to provide placement assistance for our students.

**Course Duration: 60 Hours**

### **Web Design and Development Training Course Content**

- **1: Understanding HTML**
  - What is Markup Language
  - Basic Structure of HTML
  - Meta Tags
  - External Link Tags
  - HTML Structure Tags
  - Difference between HTML & XHTML

- Introduction to HTML5
  - What's new in HTML5
  - HTML5 Semantic Tag
  - HTML5 Multimedia
  - Create Table, Div and Frame Tag
  - Content and Header Tags
  - Paragraph, Span, Pre Tags
  - Anchor Links and Named Anchors
  - iframe and Image Tag
  - Implementing iFrame in Real-time
  - Working with HTML Forms
  - Form Tag and Attributes
  - POST and GET Method
  - Text Input, TextArea, Checkbox and Radio
  - Password Field
  - Select Option, Option Group
  - File Field and Hidden Fields
  - Submit, Reset, Image Buttons
  - HTML 5 Forms
  - Canvas & SVGs
  - Converting svgs into font-icons
  - HTML5 Apis
- **2.0 Cascading Style Sheets (CSS2 & CSS3)**
    - Introduction to CSS2 & CSS3
    - Types of Style Sheets
    - Media Type
    - Default CSS Properties
    - CSS Selectors
    - Basic CSS Selectors
    - Advanced CSS Selectors
    - CSS properties
    - Background Properties
    - Block Properties
    - Box Model Properties
    - List Properties
    - Border Properties
    - Positioning Properties
    - Flex
    - Adding our own fonts to websites

- CSS Optimization and Compression Tips
  - New CSS3 Properties
  - CSS Rounded Corners
  - Border Image
  - Box and Text Shadow
  - Multiple Backgrounds
  - Background Origin
  - Background Resize
  - CSS Clip, Gradients, Opacity
  - Transitions & Transform
- **9.0 Introduction to SCSS**
    - How to run scss files in local machine
    - Installation to node.js
- **10 Bootstrap**
    - Bootstrap Setup
    - Benefits of Bootstrap
    - Basics of Bootstrap
    - Project Design Using Bootstrap
- **11 Java Script**
    - Introduction to Client Side Scripting
    - Introduction to Java Script
    - Javascript Types
    - Variables in JS
    - Operators in JS
    - Conditions Statements
    - Java Script Loops
    - 1.8 JS Popup Boxes
    - JS Events
    - JS Arrays
    - JS Objects
    - JS Functions
    - Using Java Script in Real-time
    - Validation of Forms
    - Related Examples

- **12 JQuery and jQuery UI**

- Introduction to jQuery
- jQuery Features
- Installing jQuery
- jQuery Syntax
- jQuery Ready Function
- jQuery Selectors
- jQuery Actions
- jQuery Custom Functionality
- jQuery Libraries
- jQuery Validation
- jQuery Slideshow
- jQuery Dropdown
- JS Functions
- jQuery UI
- jQuery Accordions
- jQuery Tabs
- jQuery Tooltips
- jQuery Autocomplete

- **13 Live Website Design Project**

- Adding Navigation System
- Slideshow Integration
- Implementing Gallery Script
- Adding the Contact Form
- Form validations using JS
- Manual Website Testing

- **14 Hosting First Website**

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

- **15 PHP MySQL Web Developer Syllabus**

- 17.1 PHP Introduction
- Arrays and Foreach Loop
- PHP Functions
- Sessions in PHP
- Connection to mysql database

- **16 Interview Preparation & Placement Assistance**

- Interview Questions
- Resume Preparation
- How to Crack Interview