



### 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

- **14 SEO Concepts**

- Basics of SEO
- Importance of SEO
- On page Optimization Basics
- File Optimization
- Title Optimization
- Meta Tags creation
- Footer Optimization

- **15 Live Website Design Project**

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

- **16 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
  
- **17 PHP MySQL Web Developer Syllabus**
  - 17.1 PHP Introduction
  - Arrays and Foreach Loop
  - PHP Functions
  - Sessions in PHP
  - Connection to mysql database
  
- **Interview Preparation & Placement Assistance**
  - Interview Questions
  - Resume Preparation
  - How to Crack Interview