



WEB DESIGNING

➤ **Introduction to Web Technologies**

- **Careers in Web Technologies and Job Roles**
- **How the Website Works?**
- **Client and Server Scripting Languages**
- **Difference between a Web Designer and Web Developer**
- **Types of Websites (Static and Dynamic Websites)**
- **Responsive design and layout**

➤ **Photoshop**

- Introduction to Adobe Photoshop
- Color mode & resolution
- Types of Graphics
- Export image
- Animated Image
- Tools
- Ruler and scaling
- Create Logos
- Photos masking
- 3D tools
- Smart Objects
- Merge Layers
- Group Layers
- Matting
- Define Brush
- Define Pattern
- Define Custom shapes
- Layer Styles
- Blending Options
- Advanced Blending
- View Menu / Window Menu
- Filter Effects





➤ HTML 4.0

- **What is Markup Language**
- **Basic Structure of HTML**
- **Document Overview**
- **Showing template path hint**
 - The Structure Tags
 - Getting Started With HTML
 - Writing the Code
 - Head Section
 - Meta Tags
 - External Link Tags
 - HTML Tags
 - HEAD Tags
 - Title Tags
 - Body Tags
 - Displaying a web page in a web Browser

➤ HTML Elements

- Block level elements
- Inline elements
- Empty elements

➤ Working with Forms

- Creating a Form
- Form Tag
- POST and GET Method
- Text Input, Text Area, Checkbox, Image Input and Radio
- Grouped Product
- Select Option
- Option Group
- File Upload and Hidden Fields



- Submit Button, Reset Button
- Relation between HTML Form and PHP

➤ **Adding Special Characters**

➤ **Block Oriented Elements**

- Defining Paragraphs and new Lines
- Inserting Spaces
- Perforating the Text
- Changing Background Color

➤ **List**

- Ordered List
- Unordered List
- Definition List

➤ **Attributes of List**

- Using Type attribute with Unordered list
- Using Stat attribute with Ordered List
- Some other elements
- Visual Markup

➤ **Uniform Resource Locators**

- Types of URLs
- Absolute URLs
- Relative URLs
- Document-Relative URLs
- Server-relative URLs

➤ **Hypertext Links**

- Why links fail?



➤ **Images**

- Adding Images
- Adding Border to an image

➤ **Tables**

- How to create table
- Adding Border to a Table
- Apply Formatting Features to Table
- Merge row and columns

➤ **Introduction to style Sheets**

- How style sheets work
- Style Sheet Structure

➤ **Changing the Background**

- Changing the color of the text
- Changing the front
- Changing the Indent of the text
- Changing the Line Spacing
- Hide a Style Sheet

➤ **Creating Style Classes**

- Div
- Span
- Frame
- Layer
- Meta
- HTML Frames
- Frame
- iframe



➤ **HTML5**

- Introduction to HTML5
- What's new in HTML5

➤ **HTML5 Syntax**

- The DOCTYPE
- The <script> tag
- The <link> tag
- HTML5 Document

➤ **New input Elements**

- Color
- Date
- Datetime
- datetime-local
- email
- month
- number
- range
- search
- tel
- time
- url
- week

➤ **New Input attributes**

- autofocus
- formaction
- formmethod
- formnovalidate



- height and width
- list
- min and max
- multiple
- pattern (regexp)
- placeholder
- required
- step

➤ **Audio and Video**

- <audio>
- <video>
- <Source>

➤ **New Structural Elements**

- < details>
- < dialog>
- < summary>
- < meter>
- < main>
- < header>&<footer>
- <section>
- <aside>
- <figure>

➤ **SVG**

- What is SVG?
- SVG Advantages
- SVG in HTML
- SVG Shapes



- SVG Text
- SVG Stroke properties

➤ **Canvas**

- What is canvas?
- Lines
- Curves
- Paths
- Shapes
- Color, gradients
- Image
- Arc
- Text
- Shadow

➤ **HTML5 APIs**

- Google Map
- Drag & Drop

➤ **CSS**

- CSS Introduction
- CSS Syntax
- CSS Id & Class
- Types of CSS links

➤ **Colors and Backgrounds**

- Color
- background-color
- background-image
- background-repeat
- background-position



- background-attachment
- background

➤ **Text and Fonts**

- font
- font-family
- font-size
- font-weight
- font-style
- line-height
- letter-spacing
- word-spacing
- text-align
- text-decoration
- text-transform
- white-space

➤ **Lists**

- list-style
- list-style-type
- list-style-image
- list-style-position

➤ **Tables**

- table-layout
- border-collapse
- border-spacing

➤ **CSS Selectors**

- Universal Selector
- Type Selector



- Class Selector
- ID Selector
- Child Selector
- Descendant Selector
- Attribute Selector
- Adjacent Sibling Selector
- General Sibling Selector
- Query Selector

➤ **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 Pseudo-class
- CSS Pseudo-element
- CSS Navigation Bar
- CSS Image Gallery
- CSS Image Opacity
- CSS Attribute Selectors
- Styling Links



- **CSS 3.0**
- **Introduction to CSS3.0**
- **What's new in CSS 3.0**
- **Border**
 - border-image
 - border-radius

- **CSS Shadows**
 - Text-shadow
 - Box-shadow

- **Background**
 - background-clip
 - background-size
 - background-origin
 - background-image

- **Outline**
- **Transitions**
 - transition
 - transition-delay
 - transition-duration
 - transition-property

- **Transform**
- **2D Transforms**
 - transform
 - matrix()
 - translate(x,y)
 - scale(x,y)
 - rotate(angle)



- skew(x-angle,y-angle)

➤ **3D Transforms**

- transform
- transform-style
- perspective
- transform-origin

➤ **Animations**

- @keyframes
- Animation
- animation-direction
- animation-duration
- animation-name

➤ **Selectors**

- CSS combinations
- Pseudo Elements

➤ **Gradients**

- Linear Gradients
- Radial Gradients

➤ **Multiple Columns**

- column-count
- column-fill
- column-gap
- column-width
- columns
- column-rule
- column-rule-color



- column-rule-style
- column-rule-width

➤ **User Interface**

- resize
- box-sizing
- outline-offset

➤ **CSS Filters**

- Blur
- Brightness
- Contrast
- Grayscale
- Hue-rotate
- Invert
- Opacity
- Saturate
- Sepia
- Drop-shadow

➤ **Media Query**

- What is Responsive Web Design
- Intro to the Viewport
- The Viewport Tag
- Media Queries
- Fluid Layouts
- Tablet Styles
- Mobile Styles
- Making a Mobile Drop-down Menu
- Responsive Images & Polyfills





➤ **Web Fonts**

- @font-face
- font family
- src
- font-stretch
- font-style
- font-weight

➤ **Flexbox**

- flex-grow
- flex-shrink
- flex-basis
- flex
- flex-wrap
- flex-direction
- font-flow
- justify-content
- align-items
- order

➤ **Dreamweaver cc**

➤ **Interface**

- choosing a workspace
- document window & toolbars
- the document window
- the launcher
- the insert panel & tool sets
- font family
- src
- the document toolbar
- the property inspector



- dockable floating panels
- using contextual menus

➤ **Site Control**

- defining a site
- file and folder management
- creating site maps
- using the file browser

➤ **Basics**

- defining a site
- creating and saving documents
- inserting images with assets panel
- adding text
- aligning page elements
- modifying page properties
- creating links with text and images
- preview in browser

➤ **Linking**

- link with point to file
- linking to new source files
- browse for file and link history
- anchor links
- email links
- file links
- images maps

➤ **Typography**

- About Typography
- Web Typography



➤ **Table**

- insert and modify a table
- fixed width tables
- relative width tables
- hybrid table
- insert tabular data
- sort table data

➤ **Rollovers**

- simple rollovers – insert rollover
- simple rollovers – swap image behavior
- multiple-event rollovers
- flash buttons

➤ **Cascading Style Sheets**

- redefining HTML tags
- defining a custom class λ
- CSS selectors
- CSS selectors to group tags
- linking to external CSS
- CSS reference panel

➤ **Forms**

- forms objects
- creating a form
- creating a jump menu

➤ **Behaviors**

- set text of status bar
- open browser window behavior



➤ **Inserting Media Objects**

- linking to sounds
- embedding sounds
- inserting flash
- content inserting director content

➤ **JAVASCRIPT**

➤ **Introduction to JavaScript**

- Syntax
- Statements
- Comments

➤ **Enabling in various browsers**

➤ **Popup Boxes**

- Alert
- Confirm
- Prompt

➤ **Variables**

➤ **Operators**

- Arithmetic
- Assignment
- Comparison
- Logical
- Conditional

➤ **Conditional Statements**

- if
- if...else
- if...else if...else
- Switch



➤ **Loops**

- while
- do...while
- for
- for... in Statement
- Break
- Continue

➤ **Functions**

- User-defined Functions
 - Function Syntax
 - Function with Arguments
 - Returning Values from Functions
- Built-in Functions
- parseInt and parseFloat

➤ **Events**

- Introduction
- Mouse Events
- Keyboards Events
- Form Events
- Documents/Window Events

➤ **Cookies**

➤ **Page redirection**

➤ **Built-in Objects**

- Introduction
- Number
- Strings
- Math
- Arrays
- Associative Array



- Array Properties and Methods
- Date
- Boolean
- Regexp

➤ **Advanced javascript**

• **Form Validations**

- Basics of Form Validation
- Validating Radio Buttons
- Validating Checkboxes
- Validating Select Menus
- Validating Textareas

➤ **JS Document Object Model (DOM)**

- Introduction
- DOM HTML
- DOM CSS
- DOM Events

➤ **JS Browser Object Model (BOM)**

- JS Cookies
- JS Window
- JS Location
- JS Popups
- JS Time

➤ **Introduction to OOP concept**

➤ **JQuery**

➤ **What is JQuery?**

➤ **Overview of JQuery features**

➤ **Using JQuery links**

➤ **JQuery Selectors**



➤ **JQuery Events**

➤ **JQuery Effect**

- Hide() & show()
- Fade()
- Slide()
- Animate()
- Callback function
- Chaining

➤ **JQuery HTML**

- Get () & Set()
- Add() & Remove()
- CSS()
- Dimensions

➤ **JQuery Traversing**

- Parent() & children()
- Next() & Prev()
- Find()

➤ **JQuery Traversing**

➤ **Jquery AJAX**

➤ **Image slider using JQuery plugins**

➤ **Form Validation**

➤ **Bootstrap Framework**

➤ **Getting started with Bootstrap**

➤ **Grid system in Bootstrap**

➤ **Adding Header & Navigation**

➤ **Adding Logo in Navigation Bar & Adding Banner**

➤ **Adding Jumbotron**



- Adding Rows, Columns & Containers
- Adding Column Width using offset
- Ordering Columns using push or pull
- Nesting Columns in Bootstrap
- Adding Footer top Website
- Typography in Bootstrap
- Adding glyphicons
- Styling Tables
- Adding Responsive or Utilities in Bootstrap
- Styling Button using between classes
- Styling Images and making images Responsive
- Adding description list in bootstrap
- Adding Panels

Live Website Design Project (100% Realtime Project)

- Designing a Professional Photoshop Template
- Conversion of PSD to HTML
- Slideshow Integration
- Implementing Gallery Script
- Adding the Contact Form
- Form validations using JS



SOFTCRAYONS TECH SOLUTION (OPC) PVT. LTD.

Plot No. - 693, Sector 14-A, Vasundhara, GZB-201010

Telephone: 0120-4952626, 4262233

Mobile: (+91)-9136366665 , 8545012345

Email: info@softcrayons.com

www.softcrayons.com