



# No.1 Corporate Training Provider in Delhi



# WEB Design

HTML | CSS | JAVASCRIPT | BOOTSTRAP | JQUERY



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# Course Highlight

- ☑ Photoshop
- ☑ HTML
- ☑ Advanced CSS
- ☑ Responsive Design
- ☑ CSS Animation
- ☑ CSS Preprocessor
- ☑ JavaScript
- ☑ Bootstrap
- ☑ JQuery
- ☑ Canva
- ☑ MS Word
- ☑ MS Power Point
- ☑ FTP
- ☑ 10+ Projects

## Projects Covered

- Personal portfolio
- Restaurant website
- E-commerce store
- Blog website
- Resume website
- Calculator
- To-do list
- Contact form
- Image gallery
- Countdown timer
- News Website
- Online education platform
- Chat application
- Social media dashboard
- Portfolio gallery
- Product showcase
- Feedback form
- Random quote generator
- Image slider
- Expense tracker

### Module 1: Introduction to HTML

- Introduction
- Introduction to HTML
- HTML tags and syntax
- Setting up an HTML document
- Structure of an HTML document
- Basic HTML tags

### Module 2: Text Formatting

- Text formatting tags
- Headings and paragraphs
- Line breaks and horizontal rules
- Emphasis and strong tags
- Preformatted text tags

### Module 3: Links

- Creating Links
- Linking to other pages
- Linking to specific parts of a page
- Creating email links
- Creating image links

### Module 4: Images

- Adding images to a web pages
- Image formats
- Image size and optimization
- Image alignment and padding
- Image links

### Module 5: Lists

**Contact: 9990215151, 9710215151**

- Ordered lists
- Unordered lists
- Nested lists
- Definition lists
- Styling lists

## Module 6: Tables

- Creating tables
- Table structure
- Table headers and footers
- Table alignment and padding
- Table borders and background

## Module 7: Forms

- Creating forms
- Form elements
- Text inputs and labels
- Radio buttons and checkboxes
- Select dropdowns and options

## Module 8: Semantic HTML

- Introduction to semantic HTML
- Semantic tags and elements
- Main and section tags
- Nav and header tags
- Footer and aside tags

## Module 9: Audio and Video

- Adding audio to a web page
- Adding video to a web page
- Video formats and optimization
- Video controls and attributes
- Audio controls and attributes

## Module 10: HTML5 APIs

- Introduction to HTML5 APIs
- Geolocation API
- Local Storage API
- Drag and Drop API
- Web Workers API

## Module 11: Meta Information

- Setting page titles
- Adding Meta descriptions
- Adding Meta keywords
- Setting character encoding
- Setting viewport

## Module 12: Responsive Design

- Introduction to responsive design

- CSS media queries
- Viewport and device-width
- Fluid and fixed layouts
- Responsive images

## Module 13: Accessibility

- Introduction to accessibility
- Screen readers and accessibility tools
- Creating accessible web pages
- Alt tags and image descriptions
- HTML5 Accessibility features

## Module 14: SEO Basics

- Introduction to SEO
- Importance of keywords
- Title tags and Meta descriptions
- Header tags and content structure
- SEO tools and best practices

## Module 15: Advanced HTML Topics

- HTML validation
- Creating custom tags
- HTML entities and symbols
- Web fonts and typography
- HTML email design

## Module 16: Introduction to CSS

- Introduction to CSS
- Types of CSS
- Setting up a CSS file
- Basic CSS syntax
- CSS comments

## Module 17: CSS Selectors

- Introduction to CSS selectors
- Type selectors
- Class selectors
- ID selectors
- Attribute selectors

## Module 18: CSS Box Model

- Introduction to the CSS box model
- Margin, padding, and borders
- Width and height properties
- Box-sizing property
- Using the box model to create layouts

## Module 19: CSS Layouts

- Introduction to CSS layouts
- Positioning elements with CSS

- Display property
- Float property
- Clear property

### Module 20: CSS Typography

- Introduction to CSS typography
- Font families and styles
- Font sizing and line height
- Text alignment and spacing
- Web typography best practices

### Module 21: CSS Colors and Backgrounds

- Introduction to CSS colors
- Color keywords and hex values
- RGB and RGBA colors
- HSL and HSLA colors
- Using CSS gradients

### Module 22: CSS Images and Icons

- Adding images with CSS
- CSS sprites
- Using font icons
- Adding icon fonts
- Using SVG icons

### Module 23: CSS Transitions and Animations

- Introduction to CSS transitions and animations
- CSS transition properties
- CSS animation properties
- Key frame animations
- Combining transitions and animations

### Module 24: CSS Flexbox

- Introduction to CSS Flexbox
- Flexbox properties
- Flex container and items
- Flex direction and wrap
- Aligning and justifying with Flexbox

### Module 25: CSS Grid

- Introduction to CSS Grid
- Grid container and items
- Grid columns and rows
- Grid lines and gaps
- Grid areas and templates

### Module 26: Responsive Design

- Introduction to responsive design
- CSS media queries
- Viewport and device-width
- Fluid and fixed layouts
- Responsive images

### Module 27: CSS Frameworks

- Introduction to CSS frameworks
- Popular CSS frameworks
- Using Bootstrap
- Using Foundation
- Customizing CSS frameworks

### Module 28: CSS Preprocessors

- Introduction to CSS preprocessors
- SASS and SCSS
- Variables and mixins
- Nesting selectors
- Importing and extending code

### Module 29: CSS Best Practices

- CSS best practices
- Writing maintainable CSS
- Commenting and organizing code
- Using CSS linters
- Debugging CSS issues

### Module 30: Advanced CSS Topics

- CSS3 features
- CSS transforms and 3D effects
- CSS filters and blend modes
- Using calc() and other CSS functions
- Creating custom CSS animations

### Module 31: CSS3 Layout Modules

- CSS3 Layout Modules
- CSS Columns Module
- CSS Regions Module
- CSS Exclusions Module
- CSS Shapes Module

### Module 32: CSS3 Presentation

- Introduction to CSS3 Presentation Module
- CSS Transforms Module
- CSS Transitions Module
- CSS Animations Module
- CSS Filters Module

### Module 33: CSS3 Advanced Topics

- Responsive typography with viewport units

- Using custom properties with CSS
- CSS Grid sub grid and masonry layout
- Advanced text effects with CSS

### Module 34: Introduction to JavaScript

- Introduction to JavaScript
- Setting up a JavaScript file
- Basic JavaScript syntax
- Variables and data types
- Operators and expressions

### Module 35: Control Structures

- Conditional statements
- Loops
- Switch statements
- Breaking and continuing loops

### Module 36: Arrays and Objects

- Creating and manipulating arrays
- Iterating over arrays
- Array methods
- Creating & manipulating objects
- Object methods and properties
- Map, filter, and reduce methods
- Spread operator & rest parameters

### Module 37: Functions and Objects

- Functions
- Anonymous functions
- Higher-order functions
- Defining objects
- Accessing object properties
- Object methods
- Constructor functions
- Prototypes and inheritance

### Module 38: DOM Manipulation

- Introduction to the DOM
- Selecting elements with JavaScript
- Changing element content and attributes
- Adding and removing elements
- Event listeners and handlers

### Module 39: ES6 and Beyond

- Introduction to ES6
- Arrow functions
- Template literals
- Let and const keywords
- Default parameters

- Class syntax and inheritance Promises

### Module 40: Bootstrap

- Introduction to Bootstrap and its framework
- Creating a basic responsive layout using Bootstrap's grid system
- Using Bootstrap's pre-designed components, such as forms, buttons, and navigation bars
- Styling web pages using Bootstrap's CSS classes
- Customizing Bootstrap's default styles and components
- Understanding and utilizing Bootstrap's JavaScript plugins, such as modals and carousels
- Creating a mobile-first design using Bootstrap's responsive utilities
- Deploying and hosting a Bootstrap-based website on a web server

### Module 41: Photoshop

- Introduction to the Photoshop interface and tools
- Basic image editing techniques such as cropping, resizing, and color correction
- Understanding layers and layer masks
- Advanced image editing techniques such as image compositing, blending, and masking
- Using the pen tool for vector graphics and selections
- Typography and text effect
- Exporting and optimizing images for web and print applications.

### Module 42: FTP

- What is File Transfer Protocol?
- How it works?

### Module 43: MS Word

- Introduction to Microsoft Word
- Covering All Tools

### Module 44: MS PowerPoint

- Introduction to Microsoft PowerPoint
- Covering All Options

### Module 45: Canva

- Introduction to Canva
- How canva works
- How to Design Resume in Canva
- How to create banners etc.

Training Duration	5 Months (Approx..)
Training Commercials	12000/-INR (Payable in Single Shot)
	11000/-INR (Payable In 2 Installments)

# Thank You!

**We are XL Technologies**

We are here because we love to teach Web Design.

You can visit us at @

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