Z326/3, Okhla Head, Jamia Nagar

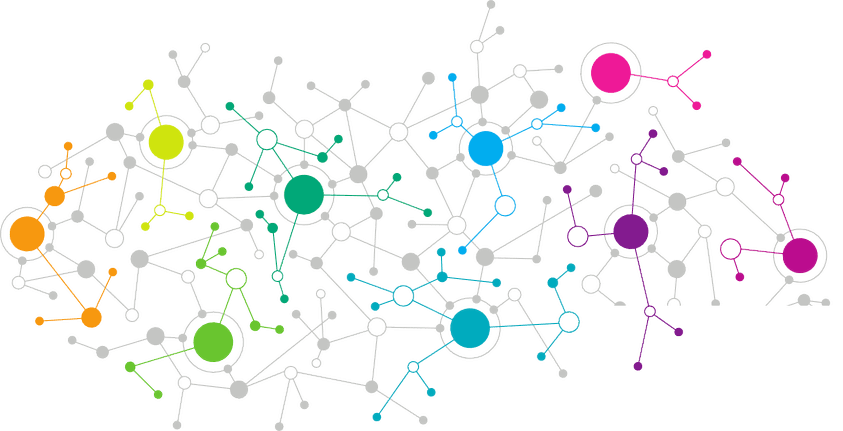
Okhla, New Delhi 110025

+91-9990 21 5151, +91 9710 21 5151

[www.xltech.co.in](http://www.xltech.co.in) | info@xltech.co.in

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HTML | CSS | JAVASCRIPT | BOOTSTRAP | JQUERY

# No.1 Corporate Training Provider in Delhi



**WEB**

**Design**

# 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

* 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.

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Thank You!

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