

Techno India NJR Institute of Technology

Web Programming Training Module

Total Time: 2 Month

(A) HTML

Module 1: Web Programming Introduction

- Architecture of a website
- Different technologies in making the website
- Web Development Introduction

Module 2: HTML-Introduction

- History of HTML
- What you need to do to get going and make your first HTML page
- What are HTML Tags and Attributes?
- HTML Tag vs. Element
- HTML Attributes

Module 3: HTML-Basic Formatting Tags

- HTML Basic Tags
- HTML Formatting Tags
- HTML Color Coding

Module 4: HTML-Grouping Using Div Span

- Div and Span Tags for Grouping

Module 5: HTML-Lists

- Unordered Lists
- Ordered Lists
- Definition list

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Module 6: HTML-Images

- Image and Image Mapping

Module 7: HTML-Hyperlink

- URL - Uniform Resource Locator
- URL Encoding

Module 8: HTML-Table

- < table >
- < th >
- < tr >
- < td >
- < caption >
- < thead >
- < tbody >
- < tfoot >
- < colgroup >
- < col >

Module 9: HTML-Iframe

- Using Iframe as the Target

Module 10: HTML-Form

- < input >
- < textarea >
- < button >
- < select >
- < label >

Module 11: HTML-Headers

- Title
- Base
- Link
- Styles
- Script

Module 12: HTML-Miscellaneous

- HTML Meta Tag
- XHTML
- HTML Deprecated Tags & Attributes

(B) CSS

Module 1: CSS-Introduction

- Benefits of CSS
- CSS Versions History
- CSS Syntax
- External Style Sheet using < link >
- Multiple Style Sheets
- Value Lengths and Percentages

Module 2: CSS-Syntax

- CSS Syntax
- single Style Sheets
- Multiple Style Sheets
- Value Lengths and Percentages

Module 3: CSS-Selectors

- ID Selectors
- Class Selectors
- Grouping Selectors
- Universal Selector
- Descendant / Child Selectors
- Attribute Selectors
- CSS - Pseudo Classes

Module 4: CSS-Color Background Cursor

- background-image
- background-repeat
- background-position
- CSS Cursor

Module 5: CSS-Text Fonts

- color
- background-color
- text-decoration
- text-align
- vertical-align
- text-indent
- text-transform
- white space
- letter-spacing
- word-spacing
- line-height
- font-family
- font-size
- font-style
- font-variant
- font-weight

Module 6: CSS-Lists Tables

- list-style-type
- list-style-position
- list-style-image
- list-style
- CSS Tables
 - border
 - width & height
 - text-align
 - vertical-align
 - padding
 - color

Module 7: CSS-Box Model

- Borders & Outline
- Margin & Padding
- Height and width

Module 8: CSS-Display Positioning

- CSS Visibility
- CSS Display
- CSS Scrollbars
- CSS Positioning
 - Static Positioning
 - Fixed Positioning
 - Relative Positioning
 - Absolute Positioning
- CSS Layers with Z-Index