

Module 1: Introduction to HTML

- What is HTML and why it's important
- History of HTML and versions (HTML5 focus)
- Structure of a web page (elements, tags, attributes)
- Setting up a text editor (VS Code, Notepad++) and browser

Module 2: Basic HTML Elements

- Document structure (<!DOCTYPE html>, <html>, <head>, <body>)
- Headings (<h1>–<h6>)
- Paragraphs (<p>)
- Line breaks and horizontal rules (
, <hr>)
- Comments in HTML

Module 3: Working with Links & Media

- Hyperlinks (<a> tag, absolute vs. relative links)
- Adding images (tag, attributes like src, alt, width, height)
- Embedding audio and video (<audio>, <video>)
- Using iframes for embedding external content

Module 4: Lists & Tables

- Ordered lists () and unordered lists ()
- Definition lists (<dl>)
- Creating tables (<table>, <tr>, <td>, <th>)
- Table attributes (border, colspan, rowspan)

Module 5: Forms & Input

- Introduction to forms (<form>)
- Input types (text, password, email, number, date, radio, checkbox)
- Labels and placeholders
- Buttons (submit, reset)
- Dropdowns (<select>, <option>)
- Textarea for multi-line input

Module 6: Semantic HTML & Structure

- Semantic elements (<header>, <footer>, <nav>, <section>, <article>, <aside>)
- Importance of semantic HTML for accessibility and SEO
- Divisions and spans (<div>,)

Module 7: HTML5 Features

- New input types (color, range, search, etc.)
- Multimedia enhancements
- Canvas basics (<canvas>)
- Introduction to SVG graphics

Module 8: Integrating HTML with CSS & JavaScript

- Linking CSS (<link> and <style>)
- Inline vs. external styles
- Adding JavaScript (<script>)
- Simple interactive examples (alert box, button click)

Module 9: Practical Projects

- Create a personal profile webpage
- Build a simple portfolio site with images and links
- Design a contact form with validation basics
- Mini project: A small multi-page website

Learning Outcomes

By the end of this course, learners will:

- Understand the structure and syntax of HTML
- Create web pages with text, images, links, and tables
- Build interactive forms for user input
- Use semantic HTML for better accessibility and SEO
- Integrate HTML with CSS and JavaScript for styling and interactivity
- Develop small websites independently