

Training Day 1

Day 1 – 23rd June 2025

Introduction to Web Designing

Detailed Description:

Today marked the beginning of my web designing journey. The instructor started with a detailed introduction to what web designing actually means. I learned that **web designing** is the process of creating and designing the visual layout, structure, and functionality of websites. It combines both **creative design** and **technical skills** to develop websites that are attractive, user-friendly, and efficient.

We discussed the **difference between web design and web development**:

- **Web Design** focuses on how a website looks (the visual part – layout, colors, images, fonts, etc.).
- **Web Development** deals with how a website works (coding, functionality, and server-side logic).

The session also covered **the working of the internet** and how a **website is accessed**. I learned about the **client-server model**, where:

- The **client** (browser) sends a request for a webpage.
- The **server** (web host) processes the request and sends the appropriate webpage back to the client.

This helped me understand how websites appear in browsers like Chrome or Firefox.

We then discussed **types of websites**, including:

1. **Static Websites** – Built using only HTML and CSS, displaying fixed content to every visitor.
2. **Dynamic Websites** – Built with server-side scripting languages (like PHP, Python, or JavaScript frameworks) and can change content based on user interaction.

I also learned about **frontend and backend technologies**:

- **Frontend**: What users see (HTML, CSS, JavaScript).

- **Backend:** What works behind the scenes (databases, servers, APIs).

The instructor introduced some **basic tools used in web designing**, such as:

- **Text Editors** (VS Code, Sublime Text, Notepad++).
- **Web Browsers** for testing.
- **Version Control Systems** (like GitHub) for managing code.

We explored the **structure of a simple webpage** and got a preview of HTML code. The instructor explained that HTML provides the structure, CSS gives style, and JavaScript adds interactivity — forming the **foundation of modern web design**.

Finally, I installed **Visual Studio Code (VS Code)** on my system to be used as the main coding environment for the upcoming practical sessions.

Learning Outcomes:

- Understood the basic concepts and scope of web designing.
- Learned how websites work using the client-server model.
- Differentiated between static and dynamic websites.
- Got familiar with key technologies: HTML, CSS, and JavaScript.
- Installed and set up a coding environment for future practice.