

Training Day 1 Report:

20 June 2025

The Web Development training at OOPsInfoSolutions, Chandigarh began with an orientation session and a detailed overview of the technologies we'll be working with throughout the training period. The day focused on understanding the fundamentals of how websites function and the tools involved in developing them.

Main Concepts of Web Development

The first day emphasized the basic architecture of websites, covering both front-end and back-end components. Here are the key concepts and technologies introduced:

1. Front-End Development

Purpose: Front-end is the part of the website that users see and interact with.

Languages Covered: HTML (structure), CSS (styling), and a brief intro to JavaScript (functionality).

Tools Used: Text editors like VS Code were introduced for writing HTML and CSS code.

2. Back-End Development

Overview: Back-end refers to the server-side of web applications that handle logic, database interactions, and user data.

Languages & Tools:

PHP: Used for writing server-side logic.

MySQL: Used as the database to store and retrieve information.

XAMPP: Briefly introduced as a local server environment for running PHP and MySQL.

3. Training Project Allotment

Each student was assigned a different web-based project. The purpose of these projects is to apply the concepts learned in real-world use cases by the end of the training.

Projects range from portals, web apps, to data-based platforms.

4. Learning Outcomes

Gained a clear understanding of how websites are structured.

Understood the difference between front-end and back-end development.

Got familiar with the tools that will be used during the training period.

Understood the training workflow and what is expected in the coming weeks.

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