



PHP programming Training in Coimbatore

Curriculum

Module 1: Introduction to PHP Programming

- ✓ Understanding PHP basics
- ✓ Setting up the PHP environment
- ✓ Embedding PHP in HTML
- ✓ Variables, data types, and operators in PHP

Module 2: PHP Control Structures and Functions

- ✓ Decision-making with if, else, and switch statements
- ✓ Looping structures: for, while, do-while, and for each
- ✓ Creating and using functions in PHP
- ✓ Built-in PHP functions

Module 3: PHP Arrays and Forms Handling

- ✓ Working with arrays and multidimensional arrays
- ✓ Understanding PHP forms and form processing
- ✓ Validating and sanitizing user inputs
- ✓ Handling form submissions and redirects

Module 4: PHP File Handling and Sessions

- ✓ Basics of file handling in PHP
- ✓ Reading, writing, and appending to files
- ✓ Managing directories and file uploads
- ✓ Introduction to PHP sessions and cookies

Module 5: Introduction to MySQL Database

- ✓ Installing and configuring MySQL
- ✓ Creating and managing databases and tables
- ✓ MySQL data types and constraints

Module 6: MySQL Data Manipulation and Retrieval

- ✓ Inserting, updating, and deleting records
- ✓ Querying data using SELECT and JOIN operations
- ✓ Advanced data manipulation with GROUP BY, aggregate functions, and subqueries

Module 7: PHP and MySQL Integration

- ✓ Connecting PHP with MySQL databases
- ✓ Executing MySQL queries from PHP
- ✓ Handling MySQL errors and exceptions

Module 8: Advanced PHP Concepts

- ✓ Object-oriented programming in PHP
- ✓ Exception handling in PHP
- ✓ Understanding namespaces and traits

Module 9: Developing Dynamic Web Applications

- ✓ Integrating PHP and MySQL in web applications
- ✓ Building a complete web application project
- ✓ Best practices for secure coding

Module 10: Final Project and Real-world Applications

- ✓ Applying knowledge to real-world scenarios
- ✓ Developing a complete PHP and MySQL-based project
- ✓ Project presentation and review