



PHP COURSE CONTENT

Introduction to PHP

Php (Hypertext Preprocessor) is a server side scripting and open source language which is inherited from c language and majorly used in web development. At Deep Infotech a premiere institute for learning php/mysql in Lucknow, a student would start with basic concept of html,css and Javascript. Afterwards concept of core php would started with the basic fundamental of programming i.e looping, arrays, functions etc.

Student would also get the knowledge of database i.e MySQL which would handle database connectivity using php concepts .At Deep Infotech a student would be undergoing a live training project using php and mysql under the guidance of a experience developer.

Course Content

Overview of Web Technology

HTML

- Basic HTML tags,Table & Forms
- CSS (Cascading Style Sheet)

Three Types Of CSS (Inline, Internal And External).

- Basic CSS Properties.
- Tag Selector, Id Selector And Class Selector.
- Groping And Nesting Of Selectors.
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Module 1: Introduction to PHP

- Introduction to server-side scripting
- Installation and setup of PHP environment (XAMPP, WAMP, or similar)
- Basic syntax and data types in PHP
- Variables, constants, and operators

- Control structures (loops, conditional statements)

Module 2: PHP Functions and Arrays

- Functions: built-in functions vs. user-defined functions
- Function parameters and return values
- Variable scope and global variables
- Manipulating arrays: creating, accessing, modifying, and traversing arrays
- Array functions and manipulation techniques

Module 3: PHP Forms and Data Handling

- HTML forms and form handling in PHP
- Handling form data: GET and POST methods
- Form validation and sanitization techniques
- Uploading files and handling file uploads in PHP
- Working with form elements (text fields, checkboxes, radio buttons, etc.)

Module 4: Working with Databases and SQL

- Introduction to databases (MySQL, PostgreSQL, etc.)
- Connecting to databases using PHP (mysqli, PDO)
- Executing SQL queries and retrieving data from the database
- Inserting, updating, and deleting data
- Prepared statements and parameterized queries for preventing SQL injection
- Database transactions and error handling

Module 5: PHP and Sessions

- Working with sessions and session management
- Storing and retrieving session data
- Session security and best practices
- Session timeout and session handling techniques

Module 6: PHP and Cookies

- Understanding cookies and their uses
- Setting and retrieving cookies in PHP
- Cookie security and best practices

Module 7: Error Handling and Debugging

- Common types of errors in PHP
- Error reporting and error handling techniques
- Debugging tools and techniques (var_dump, error_log, Xdebug)

Module 8: PHP Security Best Practices

- Data validation, sanitization, and escaping techniques
- Preventing common security vulnerabilities (SQL injection, XSS, CSRF)
- User authentication and authorization
- Password hashing and salting techniques

Module 9: File Handling and Manipulation

- Reading from and writing to files
- File and directory manipulation
- File uploads and security considerations
- File permissions and access control

Module 10: Object-Oriented Programming (OOP) in PHP

- Introduction to OOP concepts (classes, objects, inheritance, polymorphism)
- Creating and using classes and objects in PHP
- Properties, methods, and visibility modifiers
- Constructors and destructors
- Inheritance, interfaces, and abstract classes

Module 11: Project Development

- Building a complete PHP web application from scratch
- Implementing best practices and coding standards
- Testing and debugging the application
- Deploying and hosting PHP applications

PHP Training Schedule

Regular Batch (Monday to Friday), Timings : Morning & Evening shift

Weekend Training Batch also available on Saturday, Sunday & Holidays

Student Benefits

- Hands on Project Experience exposures in the Lab session
- Real Time case studies to practice
- Free Technical Support after Course Completion
- Back up Classes Available
- LAB Facility
- Free Wifi to learn subject
- Latest Study Material

Our Trainers

- More than 10 Years of experience in PHP Technologies
- Has worked on multiple realtime PHP projects
- Strong Theoretical & Practical Knowledge

Our PHP Placements / Training Records in Lucknow

- Placement Assistance
- 92% percent Placement Record

Course Duration : 2 months

Mini Project : Project would be allotted to a student which has to be submitted with project documentations and reports. Viva would be conducted for the project for successfully completion of the course.

CONTACT US

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