

PHP & MySQL Training Course

PHP is a widely-used server side scripting language that is especially suited for Web development and creating complex web applications and can be embedded into HTML. **PHP** is open source and platform independent. **MySQL** is the database used as backend to develop web applications in PHP. **MySQL** it's possible to create very big web applications. **PHP & MySQL** are used to create content managements systems (cms), e-commerce applications, job portals, matrimonial sites, blogs, forums and custom web applications. Some of the websites developed using PHP are: FACEBOOK.COM, NAUKRI.COM, SHAADI.COM and WORDPRESS.COM.

PHP & MySQL Training Course Modules

MODULE – 1:- WEB DEVELOPMENT TOOLS

HTML

- Introduction to Web Technologies
- Building web pages using HTML
- HTML-Tags
- HTML Forms

Cascaded Style Sheets (CSS)

- An overview of CSS
- Applying designs using CSS
- CSS Structures & Rules

Java Script

- Introduction to Java Script
- Overview of DOM
- Predefined Objects of Java Script
- Language Basics of Java Script
- Using Java Script For Validation

MODULE – 2:- INTRODUCTION TO PHP

- How PHP Works
- Basic PHP Syntax
 - PHP Tags
 - PHP Statements and Whitespace
 - Comments
 - PHP Functions
 - Hello World!
- PHP for Web application
- The php.ini File
- PHP Open source Technology

MODULE – 3: BASIC PHP OPERATIONS

- Variable Types
- Type Strength
- Superglobals
- Variable Names (Identifiers)
- Variable Scope
- Constants

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- o Echo,Print_r()
- o Operators
- o Strings
- o Arrays
- o Error Handling

MODULE – 4: PHP FUNCTIONS

- User-defined functions
- Returning values
- Internal (built-in) functions
- Function arguments
- Variable functions
- Anonymous functions

MODULE – 5: PHP LOOPING & CONDITIONS

- Conditional Processing
 - o If Conditions
- Loops
 - o while
 - o do...while
 - o for
 - o break and continue

MODULE – 6: OBJECT ORIENTED PHP

- Building a Class
- Private, Protected, Public modifiers
- Overloading
- Building a Web Page Object
- Importance of PHP Business Objects
- Working with Properties and Functions
- Inheritance
- Interfaces
- PHP Objects in N-Tier Web Architecture

HTTP_REQUEST MODULE

- HTTP_REQUEST Capability
- HTTP POST Request
- Parsing the Response
- HTTP GET Request
- Programmatically Posting to a HTML Form
- Building a Basic Authentication PHP Client

MODULE – 7: FILE HANDLING

- Reading and Writing using Files
- File/Directory Functions

MODULE – 8: PHP SECURITIES & AUTHENTICATION

- Login Security Authentication (User logins)
- Encryption
- PHP Mail,File Handling,File Uploading
- Authorization (Permissions)
- Session Cookies

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MODULE – 9: DATABASE INTEGRATION USING MYSQL IN PHP

- Introduction to MySQL
- Creating database
- Constraints
- Alias
- MYSQL for Web application
- Create table
- Where clause
- Using MySQL from PHP

ADVANCED PHP

MODULE – 10: PHP XML SUPPORT

- Simple XML Object
- DOM Interoperability
- Installing and Configuring LIBXSL
- Using XML in N-Tier Architecture
- Executing XPath Queries
- Using XPath
- Applying Server side XSL Transformations
- Mixing PHP Objects and XML

MODULE – 11: XML RPC

- XML-RPC Implementations
- XML RPC Data-Types
- XML RPC Client
- Exploring the XML RPC API
- Installing and Configuring PHPXMLRPC
- XML RPC Server
- XML RPC Request and Response

MODULE – 12: PHP WEB SERVICES

- Web Service Technology Stack
- Web Services with PHP
- Building a SOAP SERVER
- Generating WSDL Dynamically
- WSDL and SOAP Proxies
- SOAP Soup
- Installing NuSOAP
- Consuming a Web Service
- Understanding Generated WSDL

MODULE – 13: Ajax & JQUERY using PHP with XMLHttpRequest Object

- Ajax Overview
- Ajax Implementations In PHP
- Implementation of JQUERY Plug-Ins in PHP
- Ajax Technology Stack
- JQUERY Overview

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MODULE – 14: JOOMLA & WORDPRESS (CMS)

- Introduction to CMS
- Joomla Introduction & Installation
- Working on Mini Module using Joomla/Wordpress & Other Joomla/Wordpress Plug-Ins
- Introduction to MVC Framework
- Wordpress Introduction & Installation

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