



LITZ TECH

India Private Limited

Empowering Business Globally



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Trainers have
13+ years experience

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www.litztech.in

PHP/MySQL DEVELOPMENT COURSE IN COIMBATORE

Over 10+ years of experience, PHP has dominated the web market, surpassing its competitors. It is a secure and cross-platform language, allowing you to deploy your code on any server and platform. At Litz Tech, we offer the best PHP training in Coimbatore, utilizing the Apache server. PHP is an open-source technology, making it cost-effective for commercial projects. Our training program includes exercises that will help you develop and test your web applications. Additionally, we provide specialized training in PHP frameworks such as Laravel and Codeigniter. Join us and kickstart your career in PHP development with placement opportunities.

This hands-on course will provide you with the necessary knowledge to design and develop dynamic web pages using PHP. You will also learn UI design using HTML, CSS, JavaScript, and jQuery. The php course covers topics such as connecting to databases using ODBC, creating database-driven HTML forms and reports, and configuring PHP and the Apache Web Server. Throughout the course, you will have the opportunity to work on real-time projects to reinforce your learning and develop practical skills. Join us and gain comprehensive hands-on experience in PHP and MySQL development.

KEY FEATURES OF PHP / MySQL COURSE IN COIMBATORE

- You will learn to build web applications using PHP on MVC Framework.
- You will learn the proper usage of CMS tools like Joomla, Drupal, and so on to build an impressive website..
- Easily debug your application with adequate knowledge on PHP basic troubleshooting technologies

- ➔ You will learn to develop an impressive web pages with graphical representations using API tools as per the requirements.
- ➔ Learn to implement security strategies while developing applications.
- ➔ Learn about 3rd party integrations like Payment Gateway, SMS Gateway and Shipping Gateways

WHY PHP COURSE IN COIMBATORE?

Litz Tech offer affordable courses with special offers and flexible class timings to accommodate everyone's schedule. Whether you prefer a fast track training or an online course with personalized attention, they have options for you. If you have any questions about the course details, you can reach out to their help desk for assistance. By joining their MySQL Online Training Course, you'll gain practical experience in managing various databases, starting

- ➔ Learn theoretical concepts and gain hands-on training simultaneously from the basics and progressing to advanced levels.
- ➔ Train from professionals with industry experience
- ➔ Real time Hands-On Practical Experience Training to imbibe corporate practices
- ➔ Get certified at the end of the training
- ➔ Receive placement support once the training is completed
- ➔ Getting exposure to latest technology up gradations.
- ➔ Advanced lab facility and most updated syllabus and materials will be provided with learning tools for easy learning
- ➔ You will have the access to contact the trainers at any time.

Course Syllabus

- Introduction
- Web Development Basic
- Introduction to HTML
- Css
- Javascript
- ES6 Primer
- JQUERY ○ PHP
- Advanced
- API
- MYSQL
- REDIRECTIONS
- MIGRATION & SEEDING
- Version Control
- Project

- **Introduction to Web Development**
- What is a Website?
- What is Web Development?
 - Frontend vs Backend vs Full Stack
- Modern Technologies & Evolution of PHP
- Web Application Architecture (3-Tier Architecture)
- What is **WWW (World Wide Web)**?
- What is **HTTP / HTTPS**?
- What is a **URL (Uniform Resource Locator)**?
- What is **W3C (World Wide Web Consortium)**?
- What is **DNS (Domain Name System)**?
- Domain Names, Web Servers & Hosting

- **Web Development Basics**
- Basics of Web Design
 - Layouts (Grid, Flexbox)
 - Color Theory
 - Typography (Fonts)
- Responsive Design (Mobile Friendly)
- What is HTML & CSS?
- What are Web Pages?
- Absolute vs Relative URL
- Static vs Dynamic Websites
- Client-side vs Server-side Scripting
- How the Web Works (Browser → Server Flow)
- Request & Response Concept
- Introduction to Databases
- SEO Basics (Search Engine Optimization)

Frontend Development

HTML (HyperText Markup Language)

- HTML Structure
- Tags, Elements, Attributes
- Forms & Input Types
- Tables & Lists
- Semantic HTML (header, footer, article)

CSS (Cascading Style Sheets)

- Inline, Internal, External CSS
- Selectors & Properties
- Box Model
- Flexbox & Grid
- Animations & Transitions
- Media Queries (Responsive Design)

JavaScript

- Variables, Data Types
- Operators & Conditions
- Loops
- Functions
- DOM Manipulation
- Events Handling

PHP (Backend Development)

Core PHP

- Introduction to PHP
- PHP Syntax & Variables
- Data Types & Operators
- Conditional Statements & Loops

Functions & Arrays

- User-defined Functions
- Built-in Functions
- Array Types (Indexed, Associative, Multidimensional)
- PHP Array Functions

File Handling

- Open (fopen)
- Read (fread)
- Write (fwrite)
- Close (fclose)

Forms & Data Handling

- GET vs POST
- Form Validation
- Sessions & Cookies

PHP with MySQL

- Database Connection
- CRUD Operations (Create, Read, Update, Delete)

Advanced PHP

- Mail Functions
- Filters & Validation
- Regular Expressions
- Security Handling
 - SQL Injection Prevention
 - XSS Protection
 - Password Hashing

Object-Oriented PHP (OOP)

- Classes & Objects
- Inheritance
- Polymorphism
- Encapsulation
- Abstraction

PHP + AJAX

- Asynchronous Requests
- Handling Response Data

API Development

- What is an API?
- Types of APIs (REST, SOAP)
- How API Works
- HTTP Methods (GET, POST, PUT, DELETE)
- Data Formats:
 - XML
 - JSON
- Creating APIs in PHP
- Consuming APIs (Fetch / AJAX)

MySQL (Database)

- Create / Drop Database
- Create / Drop / Truncate Table

- SQL Queries:

SELECT, INSERT, UPDATE, DELETE

- Conditions:

WHERE, AND, OR, BETWEEN, HAVING

- Sorting & Grouping:

ORDER BY, GROUP BY

- Joins:

INNER, LEFT, RIGHT JOIN

- Constraints:

PRIMARY KEY, FOREIGN KEY, UNIQUE

- SQL Functions (COUNT, SUM, AVG)

Redirections

- Redirecting to URL
- Redirecting to Named Routes
- Redirecting to Controllers (Framework-based)

Laravel Framework

Introduction

- What is Laravel?
- MVC Architecture

Routing & Controllers

- Basic Routing
- Controller Methods

Blade Templates

- Layouts & Views

Database

Migration & Seeding

- Introduction to Migration
- Schema Building
- Migration Structure
- Running & Writing Migration
- Seeding Data

Eloquent ORM

- Models
- Relationships

Forms & Validation

- Request Validation

Authentication

- Login & Registration

Project

- Project & Main Project in Laravel

Our Training Benefits

Check out our innovative key features in training methodologies. Our flexible training mechanisms incorporate all techniques right from knowledge assessment till setting placement records.

- Gain knowledge from experienced professionals in the field.
- Learn both theoretical concepts and gain practical experience at the same time.
- Training that provides real-world, hands-on experience in order to teach proper workplace practices.
- Grab certification upon completion of training
- Receive placement assistance following completion of training ➔➔Being exposed to the most recent technological advancements.

- Learning tools will be provided along with the most up-to-date lab facilities, curriculum, and course materials
- You will be able to connect with the trainers at any time