

```
login" id="login_form" >  
<span color='red'><b>Authentication Failed</b></span>  
<div class="dError1">Please contact the admin  
</div>  
</saml-auth-status>
```

PHP & Laravel Curriculum

Course Duration

- 3–6 Months (Beginner to Advanced)
- Mode: Classroom / Online / Hybrid
- Eligibility: Students, Freshers, Working Professionals, Entrepreneurs

Module 1: Web Development

Fundamentals

- How Internet Works
- Client–Server Architecture
- HTTP/HTTPS
- Introduction to PHP & Laravel
- MVC Architecture Overview

Module 2: Core PHP

- PHP Syntax & Basics
- Variables, Data Types & Operators
- Conditional Statements & Loops
- Functions (User-defined & Built-in)

- Arrays & String Functions
- Sessions & Cookies
- File Handling
- Form Handling & Validation

Module 3: Advanced PHP

- OOP Concepts (Class, Object, Inheritance, Polymorphism)
- PHP with MySQL
- CRUD Operations
- Security (SQL Injection, XSS)
- Error Handling

Module 4: Database – MySQL

- Database Design
- Tables & Relationships
- Joins & Indexes
- Normalization
- PHP–MySQL Integration

Module 5: Laravel Framework Basics

- Introduction to Laravel
- Laravel Installation & Setup
- Folder Structure
- Routing
- Controllers & Views (Blade)

Module 6: Laravel MVC & Blade

- MVC Architecture in Laravel
- Blade Templating Engine
- Layouts & Components

- Passing Data to Views
- Form Handling in Laravel

Module 7: Laravel Database Handling

- Migrations
- Seeders
- Eloquent ORM
- Relationships
- Query Builder

Module 8: Authentication &

Authorization

- Laravel Auth System
- Login & Registration
- Password Reset
- Role & Permission Management
- Middleware

Module 9: Laravel Advanced Features

- Validation Rules
- File Uploads
- Email Integration
- API Development
- Laravel Sanctum / Passport
- Queues & Jobs (Basics)

Module 10: Security & Optimization

- CSRF Protection
- XSS Protection

- Authentication Security
- Performance Optimization
- Caching Basics

Module 11: REST API Development

- API Routes
- JSON Responses
- API Authentication
- Laravel API Resources
- API Testing

Module 12: Deployment & Hosting

- Server Configuration
- Laravel Deployment
- Shared / Cloud Hosting
- Environment Setup
- Debugging Production Errors

Module 13: Testing & Debugging

- Debugging Tools
- Laravel Debugbar
- Unit Testing Basics
- Error Handling Best Practices

Module 14: Real-World Projects

- CRUD Web Application
- User Management System
- Admin Panel
- E-Commerce Website
- REST API Project

Module 15: Interview & Placement

Preparation

- PHP & Laravel Interview Questions
- Live Coding Practice
- Resume & Portfolio Building
- GitHub Project Optimization
- Mock Interviews



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