



# PHP

Programming & Development

## **COURSE CURRICULUM**

2015- 2016

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This 6-week PHP course is designed to teach you the basic fundamentals and advanced topics of the language. Developers who want to create web applications in PHP can take advantage from this course.

## Course Features

Online person to person real class

24x7 Online on-demand support

Lifetime access to course content

Create live project of your own

Industry endorsed certificate

### Fee

\$139 / ₹6,999 \*

### Duration

6 Weeks

\* service tax additional, applicable for indian users



## Week 1



### Introduction to PHP

**Module Goals:** In this part we learn the basics of PHP like syntax, variables, control structures etc. which are the basic building blocks of PHP.

#### Topics

PHP Syntax  
HTML Syntax  
Language Constructs & Functions  
Echo, Include, Require

Variables  
Data Types  
Language Functions  
Data Types



### Operators

**Module Goals:** In this part we learn all about the operators which can be used in PHP.

#### Topics

PHP Operators  
Arithmetic  
Logical

Binary  
Ternary Operators  
Operators Reference



### Control Structures

**Module Goals:** Knowing conditionals and loops is very important in PHP as they change the flow of your application. We will learn them in this part.

#### Topics

If...Else...Elseif  
Switch  
While

Do-While  
For  
Foreach Loop



## Week 2



### Variable Scope

**Module Goals:** In this module we understand the concepts variable scope.

#### Topics

Variable Scope  
Super Global



### Arrays and Forms

**Module Goals:** In this part we learn about Array and sorting them in PHP. We also get an understanding how to work with Forms and create the most used ones like: Login form, Sign up form etc.

#### Topics

Arrays  
Indexed Arrays  
Associative Arrays  
Multidimensional Arrays

Sorting Arrays  
Forms - Handling  
Forms Validation



## Week 3



### Files and Directories

**Module Goals:** In this part we will learn how to work with files and directories in PHP. We will get an understanding of how Cookies and Sessions are used to improve the overall web site performance and experience.

#### Topics

File  
File Upload  
Cookies

Sessions  
E-mail



### Errors and Exceptions

**Module Goals:** In this part we understand the need of error handling.

#### Topics

Errors  
Error handling  
Exception  
Filters



Week 4



## Database

**Module Goals:** In this module we will work on database operations like create, update, delete, read etc.

### Topics

MySQL Connect  
Database CRUD Operations  
Queries

Joins  
Prepared Statements



## Week 5



### XML, AJAX and Web services

**Module Goals:** In this modules we learn how to create web services in PHP that can be consumed by other applications.

#### Topics

XML  
XPath  
JSON

Ajax  
Webservices Basics



Week 6



## Project Discussion

**Module Goals:** This module covers a detailed description of real online hotel room booking dynamic PHP website. In this we'll discuss the complete scope of project including payment integration.

### Topics

Project description  
Project Architecture  
Database details

User interface  
Admin interface





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