

RKV IT Solutions Pvt. Ltd.

PHP syllabus

PHP Training Course Modules

RKV IT will give you best and efficient training by experienced professionals. RKV IT will provide corporate environment and you will feel like we are working in organization means you will not feel like students.

Environment like growing each and every day in life. You will get company mail account from first day of training and private limited company certificate which will be benefited at the time of interviews.

Introduction to Web Technologies (2 hrs.)

- Introduction to Web Technologies
- Careers in Web Technologies and Job Roles
- How the Website Works?
- Client Side Scripting and Server Side Scripting
- Static Website Designing, Dynamic Websites and WebApps

HTML 4.01 and HTML 5 (6 hrs.)

- What is Markup Language

- Basic Structure of HTML
- Head Section and Elements
- Meta Tags
- External Link Tags
- **HTML Structure Tags**
- Table Tag
- Div Tag
- **Content / Media Tags**

- Header Tags
- Paragraph, Span, Pre Tags
- Anchor Links and Named Anchors
- Image Tags / Image Hot Spots
- Object Tag
- **Working with Forms**
- Form Tag
- Form Attributes

- POST and GET Method
- Text Input, TextArea, Checkbox and Radio

- Password Field
- Select Option, Option Group
- File Field and Hidden Fields

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- Submit, Reset, Image Buttons
- Creating a Live Website Form

- **HTML 5 Form Elements**
- Required, Placeholder and Pattern
- Email Input
- Tel Input
- Url Input
- Date input

Cascading Style Sheets

(4 hrs.)

- Introduction to Cascading Style Sheets
- Types of Style Sheets

- Media Type
- Default CSS Properties
- **Types of CSS Selectors**
- Universal Selector
- Type Selector
- Class Selector
- ID Selector
- Attribute Selector

CSS properties

- Type Properties
- Background Properties
- Box Model Properties
- Border Properties
- **Using CSS for Real-time Practical Works**
- Custom Form Designing
- DIV + CSS Layout Design
- Dreamweaver Basics

PHP Programming

(8 hrs.)

- Introduction to PHP and MySQL

- Benefits of using PHP MySQL
- Setup of PHP Environment
- PHPINFO() Function
- PHP.INI Configuration
- Directives in PHP.ini
- Troubleshooting Errors
- **PHP Concepts**
- Write your First PHP Program
- Embed PHP in HTML
- PHP Data Types
- PHP Variables

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- Array Variables
- Variable Scopes
- **Super Globals**
- \$_GET
- \$_POST
- \$_REQUEST
- \$_FILES
- \$_SESSION
- \$_COOKIES
- \$_SERVER
- \$_ENV
- Operators in PHP
- Conditional Statements
- Loops

Advanced PHP Programming

(6 hrs)

- Functions
- Creating Userdefined Functions
- Function Libraries
- **Predefined Functions**
- General Functions
- Include Functions
- Header Function
- String Functions
- Hash Functions
- Array Functions
- File Upload Function
- Files Functions
- Mail Function (Text / HTML Mail)
- Date Time Functions
- \$_SERVER Variables
- Sessions
- Why use sessions?
- Creating sessions
- Checking sessions
- Destroying a session
- Sessions with time
- Sessions functions
- Authentication with session
- Cookies
- Why use cookies?
- Cookie syntax
- Creating cookies
- Storing data in cookies
- Retrieving cookie data
- Live cookie example

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- Cookie functions
- Login Form with Cookie Feature

Object Oriented PHP (4 hrs.)

- What is OOP?
- Classes
- Objects
- Properties
- Constants
- Methods
- Constructors and Destructors

- Property Scope
- Method Scope
- Helper Functions
- Inheritance
- Interfaces
- Abstract Classes
- Namespaces

MySQL and PHPMyAdmin (6 hrs.)

- What is Database ?

- Database Models
- Understanding an RDBMS
- Data Normalization
- Tables, Records, and Fields
- SQL Language
- MySQL Command-Line
- **Working with PHPMyAdmin**
- Creating Databases
- Database Engines
- Creating Tables

- Data types in MySQL
- Creating Fields
- Primary / Foreign Keys
- Unique Key

- Insert Records
- Delete Records
- Update Record
- View Records
- Drop Database / Tables
- Backup / Restore

SQL (4 hrs.)

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- Basics of SQL
- SQL Syntax
- Insert Command
- Retrieving data from Database
- Retrieving data with specific criteria
- Retrieving data from multiple tables (JOINS)
- Retrieving data in specific order

- Grouping of data
- Updating records
- Alter table structure
- Deleting the records
- Summary Queries
- Sub Queries
- Dropping tables
- Dropping database

Integration of PHP with MySQL Database

(6 hrs.)

- How to PHP MySQL Integration Works ?
- Creating a database connection
- Selecting the DB
- Inserting data in database
- Inserting data with a File
- Retrieving all records
- Retrieving specific record
- Retrieving data with pagination
- Retrieving data with specific criteria
- Retrieving data from multiple tables (JOINS)

- Retrieving data in specific order
- Searching the records
- Editing Records
- Using Summary Queries
- Deleting the records
- **PHP with Ajax**
- XMLHttpRequest Object
- Ajax Methods and Properties
- Ajax Login
- Retrieving Data with Ajax

Java Script and jQuery

(6 hrs.)

- Introduction to Java Script
- Types of JS
- JS Variables
- JS Popups
- JS Events

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- JS Functions
- JS Validation

- Introduction to jQuery
- Installing jQuery in site
- jQuery Syntax
- jQuery Selectors
- jQuery Events
- jQuery Actions
- jQuery Plugins

Live PHP Project Implementation

(8 hrs.)

- Project Requirement Analysis
- Setup of Template
- **Frontend Module**
- User Registration
- Verification Techniques
- Login with Sessions + Cookies
- View Content

- Feedback
- Adding Captcha to Forms
- Setting up the Admin Template

- **Administrator Panel**
- Admin Login
- View Users List
- Add / Edit / Delete Users
- Search by Criteria
- Add Content on Site
- Edit / Update Content on Site
- Adding Captcha to Forms

PHP MySQL Resources

requires

- All Required Softwares
- PDF Material and Live Examples
- Useful PHP Scripts
- Useful Java Scripts
- Interview Questions and Answers
- Sample Interview
- Upload you live project for 3 months

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Max Duration: 30 Classes

Includes (Lab Practice, Resume/Interview preparation, FAQ's, Project)

Program Fee:

Total fees: Rs.5500/ (Service tax extra*)

Weekends or Weekdays option available.

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