

**INFORMATIVE TRAINING COMPUTER CENTRE**

**OPP- Maa Laxmi Plaza, Sahu complex**

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# **Software Development**

## **AND**

# **Training Centre**



# PHP AND MYSQL Training Institute in Ranchi

## 1.Core PHP+MYSQL(Level -1)

### **Introduction:**

What is PHP  
PHP is better than its alternatives  
Hardware and Software requirements  
What a PHP Script Looks Like  
Advantages of PHP

### **Getting Started With PHP:**

How PHP scripts work  
Basic PHP syntax  
PHP data types  
PHP Variables  
Operators in PHP  
Conditional Statements  
Loops (If, If else and Switch)

### **SuperGlobals:**

\$\_GET  
\$\_POST  
\$\_REQUEST  
\$\_FILES  
\$\_SESSION  
\$\_COOKIE  
\$\_SERVER  
\$\_ENV

### **String Manipulation:**

String Variables in PHP  
The Concatenation Operator  
The strlen() function  
The strpos() function  
Joining and Splitting String  
Comparing String

### **Working with array:**

- Types of Arrays
- Creating Arrays
- Accessing Arrays
- Single-Dimensional Arrays
- Multidimensional Arrays

### **PHP Function:**

- User-Defined Functions
- Inbuilt functions

### **Working with Forms**

- Designing a Form
- \$\_GET and \$\_POST
- HTML and PHP code
- User Input
- Form Validation

### **MYSQL Database (Level -1):**

#### **MYSQL Database**

- What is Database
- Database Models
- Tables, Records, and Fields
- SQL Language
- MySQL Command-Line

#### **Working with PHPMyAdmin**

- Working with PHPMyAdmin
- Creating Databases
- Database Engines
- Datatypes in MySQL
- Creating Fields
- Unique Key

#### **Working with PHPMyAdmin**

- Delete Record
- Update Record
- View Record
- Drop Database/Tables
- Primary / Foreign Keys
- Insert Record

## 2. Advanced PHP Programming (Level -2)

### Cookies

- What is a Cookie
- Cookie Syntax
- How to Create a Cookie
- Storing data in Cookies
- How to Retrieve a Cookie Value
- How to Delete a Cookie

### PHP File Upload

- Create an Upload-File Form
- Create the Upload Script
- Restrictions on Upload
- Saving the Uploaded File

### PHP File Handling:

- Opening a File
- Closing a File
- Check End-of-file
- Reading a File Line by Line
- Reading a File Character by Character

### Session:

- What is Session
- Creating Sessions
- Storing a Session Variable
- Destroying a Session

### Classes & Object

- Object oriented concepts
- Define a class
- Class attributes
- An object
- Creating an Object
- Object properties
- Object Methods
- Object constructors and destructors
- Static Method
- Class Inheritance
- Abstract Class
- Implement Inheritance

## Intergration to SQL with PHP Application (Level-2)

### SQL

- Basics of SQL
- SQL Syntax
- CRUD Operations
- Insert Command
- Retrieving data from Database
- Retrieving data with specific criteria
- Updating records
- Alter table structure
- Deleting the records
- Dropping tables

### PHP MySQL Integration with SQL

- 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
- searching the records
- updating records
- eleting the records

### Live PHP/.NET Project Implementation

- Project Requirement Analysis
- Setup of Template
- Frontend Module:**
- User Registration
- Verification Techniques
- Login with Sessions + Cookies
- View Content
- User Redirection script
- Adding Captcha to Forms
- Administrator Panel**
- Admin Login
- View Users List
- Add / Edit / Delete Users
- Add Content on Site
- Edit / Update Content on Site

### PHP MYQL Resources

PDF Material and Live Examples  
Useful PHP Scripts  
Useful Java Scripts  
Interview Questions and Answers  
Placement Preparation/Mock Test/ weekly Performance test for each Module.

### **CERTIFICATION**

Certificates will be provided to each successful participant at the end of the training.

In case of any clarification please feel free to get in touch with us.

Thanks and Regards

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\*Conditions Apply