

## **Basic PHP DEVELOPMENT**

- How PHP Scripts Work
- Basic PHP syntax
- PHP data types
- Displaying type information.
- Testing for a specific data types
- Changing type with Set type.
- Operators
- Variables Manipulation.
- Dynamic variables.
- String in PHP.

### **Control Structure**

- The if Statement.
- Using the else clause with if statement.
- The switch statement.
- Using the? Operator.
- The While statement.
- The do while statement.
- The for statement.
- Breaking out of loops
- Nesting loops
- Summary

### **FUNCTION**

- What a function?
- Defining a function.
- Returning value from function.
- User-defined function.
- Dynamic functions call.urs

### **Software**

- Variables Scope.
- Accessing variable with the global statement.
- Function calls with the static statement.
- Setting default value for arguments.
- Passing Arguments to a function by values.
- Passing Arguments to a function by reference.
- Testing for function existence.

### **ARRAY**

- Single-dimensional arrays.
- Multidimensional arrays.
- Casting arrays.
- Associative arrays.
- Accessing arrays.
- Getting the Size of an array.
- Lopping through an array.

- Looping through an associative array.
- Examining arrays.
- Joining arrays.
- Sorting arrays.
- Sorting and associative arrays.

### **WORKING WITH FILE SYSTEM**

- Creating and deleting a file.
- Reading and writing test files.
- Working with directories in PHP.
- Checking for existence of file.
- Determining file size.
- Opening a file for writing, reading or appending.
- Writing data to the file.
- Reading characters.

### **WORKING WITH FORMS**

- Forms
- Super global variables.
- The server array.
- A script to acquire user input.
- Importing user input.
- Accessing user input.
- Combine HTML and PHP code.
- Using hidden fields.
- Redirecting the user
- File upload and Scripts

### **WORKING WITH REGULAR EXPRESSION**

- The basic regular expressions.
- PCRE
- Matching patterns.
- Finding matches.
- Replace patterns.

### **Software**

Partner 2006 ftware

Partner 2006

- Modifiers
- Breakup Strings.

### **CLASS AND OBJECTS (OOPS 5 & 6)**

· OBJECT BASED PROGRAMMING V/s OBJECT ORIENTED

PROGRAMMING

- OBJECT ORIENTED PHP
- Objects oriented programming.
- Define a class.
- An object

- Creating an object
- Object properties.
- Object Methods.
- Object constructors and destructors.
- Class constant.
- Class inheritance.
- Abstract classes and methods.
- Object serialization.
- Checking class existence
- Checking Method Existence
- Exceptional Handling
- Access Specifier
- Summary.

### **INTRODUCTION TO DATABASE**

- Introduction to SQL
- Connecting to the MYSQL
- Selecting a database.
- Finding out about errors.
- Adding data to a table.
- Acquiring the value.
- Finding the number of rows.
- Inserting data
- Entering and updating data.

### **COOKIES**

- Executing multiple queries.
- The anatomy of a cookie.

### **PHP++ Training Contents**

#### **OBJECT ORIENTED PHP 5.0/6.0**

- Difference between PHP 4.0, PHP 5.0 and PHP 6.0
- What's NEW in PHP 6.0
- Detailed discussion about OOPS and exception handling
- Detailed discussion about Access Specifiers
- Discussion about important functions & concepts like dynamic variables, dynamic Functions, environment variables, global.

#### **DATABASE CONCEPTS**

- Concept of normalization, difference between different types of joins and query Optimization.

#### **WEB 2.0 & WEB 3.0**

- MVC Model
- API's
- Demo Graphical Report using Graphics

- URL Rewriting
- Java Script
- GD Libraries (working with Images)

#### **AJAX :: ASYNCHRONOUS JAVASCRIPT AND XML**

- Discussion of AJAX and its practical implementation in project with JOOMLA.

#### **JOOMLA :: CONTENT MANAGEMENT SYSTEM & WEB APPLICATION FRAMEWORK**

- Detailed discussion about component, module, mambots and complete workflow of Joomla.
- How to create components & modules in Joomla.
- Customization of existing components and modules.

#### **SMARTY:: LIBRARY FOR CREATING HTML TEMPLATES**

- Discussion of Smarty
- Discussion of variables, functions and Practical implementation Of Smarty.

#### **CAKE PHP :: RAPID DEVELOPMENT FRAMEWORK**

- Discussion of Cake PHP Framework.
- Model, View, Controller Architecture.
- View helpers for AJAX, JavaScript, HTML forms and more.
- Built-in Validation.
- Application Scaffolding.
- Application and CRUD code generation via Bake.
- Access Control Lists.
- Data Sanitization.
- Security, Session, and Request handling components.
- Flexible View Caching.
- Practical application of Cake PHP framework.

#### **OPTIONAL TOPICS**

#### **PROVIDED AS ON**

#### **DEMAND,ZEND**

#### **FRAMEWORK,RUBY ON**

#### **RAILS,LARAVEL**