PHP Development Training

Course Description:

This hands on PHP Programming course provides the knowledge necessary to design and develop dynamic, database-driven web pages using PHP. PHP is a language written for the web, quick to learn, easy to deploy and provides substantial functionality required for e-commerce.

This course introduces the PHP framework and syntax, and covers in depth the most important techniques used to build dynamic web sites. Students learn how to connect to database, and perform hands on practice with a MySQL database to create database-driven HTML forms and reports. E-commerce skills including user authentication, data validation, dynamic data updates, and shopping cart implementation are covered in detail. Students also learn how to configure PHP and the Apache Web Server. Comprehensive hands on exercises are integrated throughout to reinforce learning and develop real competency.

Course Prerequisites:

Basic computer skills and knowledge of HTML basic fundamentals. Prior programming experience not required.

Target Audience:

This course is specially designed for the B.Tech /B.E(CSE/IT/EEE/ECE/Mech) and all other IT related Graduates and Post Graduate students. Mission Professionalism has conquered the job scenario and companies seek for well qualified, professional and skilled manpower. Quality Education and Performance Oriented Training is our motto.

What Student/Professionals Will Learn?

- Working with variables and data types
- Using if/elseif/else statements to control processing conditionally
- Creating programs that include for, while, and do loops to process statements repeatedly
- Employing the break, continue, and exit statements to modify default loop behaviors
- How to manipulate strings in PHP using the built-in functions
- Maintaining state using cookies, session variables, hidden form fields and query strings
- Using SQL to SELECT, INSERT, UPDATE and DELETE data from tables
- Managing the lifecycle of an app, including when it's interrupted by a phone call
- Using the phpMyAdmin utility to administer the MySQL database
- Using PHP to manipulate files
- To identify and handle the three main types of errors that can occur when programming with PHP
- Creating and modifying a PHP page

COURSE-CONTENT

Module 1: Introduction to PHP

- Evaluation of Php
- Basic Syntax
- Defining variable and constant
- Php Data type
- Operator and Expression

Module 2: Handling Web with Php and Dynamic content

- Capturing Form Data
- Dealing with Multi-value filed
- Generating File uploaded form
- Redirecting a form after submission
- Outlining Web Protocols
- Use of HTML for web design purpose
- HTML scripts and Form's element
- Embedding PHP code into HTML pages
- Retrieving form data with $_POST, $_GET and $_REQUEST arrays
- Validating retrieved data
- Strategies for handling invalid input
- Redirecting web pages
- Adding dynamic content
- Supper global Variable

Module 3: Decisions and loop

- Making Decisions
- Doing Repetitive task with looping
- Mixing Decisions and looping with Html

Module 4: Functions and Strings

- What is a function
- Define a function
- Call by value and Call by reference
- Recursive function
- Creating and accessing String
- Searching & Replacing String
- Formatting String
- String Related Library function
- Joining and Splitting String
- Comparing Strings
- Matching and replacing substrings
- Introduction to Regular Expressions

- Character sets and classes
- Subexpressions
- Counted Subexpressions
- Matching Literal Special Characters
- Matching and replacing substring with Regular Expressions
- Splitting string with Regular expressions

Module 5: Array and Library functions

- Anatomy of an Array
- Creating index based and Associative array
- Accessing array Element
- Looping with Index based array
- Looping with associative array using each() and foreach()
- Some useful Library function

Module 6: Working with file and Directories

- Understanding file& directory
- Opening and closing a file
- Coping ,renaming and deleting a file
- Working with directories
- Uploading & Downloading

Module 7: State management

- Using query string(URL rewriting)
- Using Hidden field
- Using cookies
- Using session

Module 8: Introduction to OOPS in PHP

- Introduction
- Objects
- Declaring a class
- The new keyword and constructor Destructor
- Access method and properties using $this variable

- Public ,private, protected properties and methods
- Static properties and method
- Class constant
- Inheritance & code reusability
- Polymorphism Parent:: & self:: keyword
- Instanceof operator
- Abstract method and class
- Interface
- Final

INTEGER Innovation will provide:

- Training Slides taught during training by trainers
- Programmatic Examples
- Assignments of each topic in a module
- Demos executed during training session.
- Software's and installation guide (for future help)
- E-books for further reading in depth
- Reference links
- 24X7 online support for any queries or doubts.