

# Php Course Syllabus

## Module 1 - Core PHP+MYSQL

- ◆ Home
- ◆ Introduction
- ◆ Environment
- ◆ Syntax Overview
- ◆ Variable Types
- ◆ Constants
- ◆ Operator Types
- ◆ Decision Making
- ◆ Loop Types
- ◆ Arrays
- ◆ Strings
- ◆ Web Concepts
- ◆ GET & POST
- ◆ File Inclusion
- ◆ Files & I/O
- ◆ Functions

## Module 2 - Core Adv PHP Programming

- ◆ Cookies
- ◆ Sessions
- ◆ Sending Emails
- ◆ File Uploading
- ◆ Coding Standard

- ◆ Predefined Variables
- ◆ Regular Expression
- ◆ Error Handling
- ◆ Bugs Debugging
- ◆ Date & Time
- ◆ PHP and MySQL
- ◆ PHP and AJAX
- ◆ PHP and XML
- ◆ PHP Object Oriented
- ◆ PHP Built-in Functions

### **Module 3 - Integration to SQL with PHP Application**

- ◆ SQL PHP MySQL Integration with SQL
- ◆ Basics of SQL How to PHP MySQL Integration Works?
- ◆ SQL Syntax Creating a database connection
- ◆ CRUD Operations Selecting the DB
- ◆ Insert Command Inserting data in database
- ◆ Retrieving data from Database Inserting data with a File
- ◆ Retrieving data with specific criteria retrieving all records
- ◆ Updating records retrieving specific record
- ◆ Alter table structure searching the records
- ◆ Deleting the records updating records
- ◆ Alter table structure searching the records
- ◆ Deleting the records updating records
- ◆ Dropping tables deleting the record

## **Module 4 - PHP 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

## **Module 5 – Frameworks**

- ◆ Implementation on latest framework