



GENIUS COMPUTER ACADEMY

PLACE WHERE QUALITY MATTERS

PHP-MYSQL

PHP was originally an acronym for Personal Home Pages, but is now called as Hypertext Preprocessor. It contains a combination of HTML tags and scripts that run on a web server. PHP is the most popular scripting language on the web. It is used to enhance web pages. PHP is a server-sided scripting language.

Syllabus:

Introduction to Web Technology, HTML, Basic Tags, CSS, Table and Forms.

Introduction to JavaScript, Variables, Operators, Data Type Conversions, functions, Control Structure, Date Time functions and Form Manipulation.

MYSQL – Introduction about Database, Data Types, DML, DDL, Aggregate functions, Data Time functions, Stored Procedure, Sub query and join.

PHP-Introduction to PHP, History, Web Browser, Web Server, WAMP, Installation and Configuration files, Syntax, Operators, Variables, Constants, Control, Structure, Language construct and functions.

Function – Syntax, Arguments, Variables, References, Returns and Variable Scope.

Arrays-Enumerated Arrays, Associative array, array iteration, Multi-dimensional array, Array function and SPL.

Date and Time functions, ++OOP's – Instantiation, Modifiers, Inheritance, Interfaces, Exceptions, Static Methods and Properties, Auto load, Reflection, Type Hinting and Class Constance.

String and Patterns- Quoting, Matching, Extracting, Searching, Replacing and Formatting.

- Web Features- Sessions, Forms, GET and POST data, Cookies, HTTP Headers.

- Database Programming.

- Streams and Network Programming- Files, Reading, Writing, File System functions,

- Streams File Uploading and File Downloading.

Advanced features of PHP

- Ajax Basics, Sending data to PHP with Ajax. PHP Data ObjectTS.

- PHP Best Practices: Code management, Code style, Documentation, Security, Unit testing.

- Content Management System PHP.

- Design Pattern & Framework: MVC Overview, Naming Conventions, Model, View, Controller, Helpers, Scaffolding and Data Validation.

- Security and Encryptions. Web Services.

Web application performance and Optimisation. Project.

Pre-requisite: Knowledge of any object oriented programming language

Total Duration: (50 Hours)

Branch 1: 6 & 6A, C Wing, Parmar Plaza, Wanowrie, Fatimanagar,
Pune- 411040

Branch 2: 1st Floor, Sarvaswi Apartment, Behind Sinhagad College Campus,
Ambegaon, Pune-411046