

PHP WEB DEVELOPMENT SYLLABUS

» PAGE LAYOUT USING HTML & CSS

- Introduction of HTML
- HTML Tags and their properties
- Introduction of CSS
- Types of CSS – INLINE, EMBEDDED, LINKED/EXTERNAL AND IMPORTED
- CSS Properties and values
- Using CSS and HTML TAGS for creating web page layout

» CLIENT SIDE PROGRAMMING USING JAVASCRIPT

- Introduction of JavaScript
- JavaScript Tokens-Identifiers, Keywords, Literals, Operators, Symbols
- JavaScript Functions – Built-in functions & User-defined functions
- Using Objects and Events
- Using JavaScript in Website

» INTEGRATING JQUERY FUNCTIONS FOR SLIDERS, ACCORDION, TABS, ETC.

» DATABASE MANAGEMENT SYSTEM WITH MYSQL

- What is DBMS?
- CODD'S Rules
- E-R DIAGRAM
- DBMS Constraints – PRIMARY KEY, FOREIGN KEY, UNIQUE, NOT NULL, CHECK, DEFAULT
- SQL COMMANDS
 - » Inserting Records
 - » Editing and Deleting Records
 - » Performing Queries
 - » Retrieving Specific Columns
 - » Filtering Records with a WHERE Clause
 - » Using Operators
 - » Sorting Records and Eliminating Duplicates
 - » Limiting Results
 - » Using Built-In Functions
 - » Grouping Records
 - » Joining Tables
 - » Using Table and Column Aliases

☐ PHP & PHP++

Introduction to PHP

- » Basic Knowledge of websites
- » Introduction of Dynamic Website
- » Introduction to PHP
- » Why and Scope of PHP
- » XAMPP and WAMP Installation

PHP Functions

- » PHP Functions
- » Creating an Array
- » Modifying Array Elements
- » Processing Arrays with Loops
- » Grouping Form Selections with Arrays
- » Using Array Functions
- » Using Predefined PHP Functions
- » Creating User-Defined Functions

PHP Programming Basics

- » Syntax of PHP
- » Embedding PHP in HTML
- » Embedding HTML in PHP
- » Introduction to PHP Variable
- » Understanding Data Types
- » Using Operators
- » Using Conditional Statements
- » If(), else if() and else if condition Statement
- » Switch() Statements
- » Using the while() Loop
- » Using the for() Loop

PHP Advanced Concepts

- » Reading and Writing Files
- » Reading Data from a File
- » Managing Sessions and Using Session Variables
- » Destroying a Session
- » Storing Data in Cookies
- » Setting Cookies

- » Dealing with Dates and Times
- » Executing External Programs

OOPS Using PHP

- » OOPS Concept-**Class, Object, Abstractions, Encapsulation, Inheritance, Polymorphism**
- » Creating Classes and Object in PHP

» WEB DEPLOYMENT

- Concept of DOMAIN
- Concept of Hosting
- Deployment using FTP

» PHP FRAMEWORK USING WORDPRESS