

PHP WEB DEVELOPMENT

Course Structure

Web Page Layout Using HTML & CSS

- Bootstrap
- Web page layout using HTML & CSS
- CSS properties and values
- Introduction of CSS & their types
- HTML Tags and their properties
- Introduction of HTML

Client Side Programming Using Javascript

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

Integrating Jquery Functions

- Animation effect practical
- Fading practical
- Images and Forms Ajax Integration
- Scrolling effects
- JQUERY library

Database Management System With Mysql

- SQL COMMANDS-DDL, DML CHECK, DEFAULT FOREIGN KEY, UNIQUE, NOT NULL,
- DBMS Constraints –PRIMARY KEY,
- E-R DIAGRAM
- CODD'S Rules
- What is DBMS?

Introduction to PHP

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

Web Deployment

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

PHP Programming Basics

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

PHP Functions

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

Advance PHP (PHP++)

- Object Oriented Programming Concept with PHP
- Executing External Programs
- Dealing with Dates and Times
- Cookies
- Session
- File Handling using PHP
- PHP-XML
- PHP-AJAX
- Exception Handling

Wordpress

- Project in Word press
- Manage Widgets, Plug-ins
- Adding pages and posts
- Theme Integration
- Installation & Configuration of Wordpress

Project Work

- Student Project
- Teacher Project