

Duration 3 month

Course name:-php fullstack

Basics

- Introduction to PHP
- Client /Server side scripting language
- Basic use of PHP
- Versions and enhancements of PHP
- LAMPP/XAMPP introduction
- Installation and Basic Programming
- PHP Syntax tags
- Conditional Statements and Loops
- Configuration Settings

Functions

- Function Basics
- Function calls and Function definition
- Parameters and arguments
- Date and Time Functions
- Time zone identification and set time zone
- Array functions
- String Functions
- Output Functions
- Error Types

Headers

- What is header?
- Header function
- How is it different from other redirection methodologies?
- File downloading, Authentication using headers
- Sending email with multiple headers
- Sending SMS to mobiles

Include

- Include functions
- Differences between include, include_once, require, require_once
- How to include Menus, Database connections using include functions

Exception Handling

- Types of errors
- How to use Exception class
- User defined Exception class

Constants in PHP

- Magic Constants
- Standard Pre-defined Constant
- User defined Constants

State Management

- Types of Protocols
- Sessions and their uses
- Cookies and their uses
- Login and Logout with session and cookies
- Auto logout with sessions

Variables

- Types of variables
- Programming with
\$_GET,\$_POST,\$_REQUEST,\$_COOKIE,\$_SESSION,\$_SERVER,\$_FILES,
\$_ENV

MySQL

- Why to use database?
- Storage Engines in mysql
- Connection string functions
- Mysql Constraints
- DDL,DML,TCL,DCL statements
- Cascading
- Triggers
- Stored Procedures
- Indexing
- Joins
- Views

Commit and Rollback

Managing multiple users

Registration and Login

Display records with paging
Image upload, download and Authentication
Sql Injection

Ajax

- Ajax introduction
- Ajax example
- Ajax XML http
- Ajax Requests
- Ajax response
- Ajax event
- Ajax PHP
- Programs like Chatting, Suggestion list, Auto updates, etc... With Ajax

Htaccess

- Use of Htaccess file in website
- htaccess rewrite rule
- SEO friendly urls with htaccess

Payment Gateway

- Gateway Standard
- Intro to payment gateway and their uses and applications
- Account creation
- Difference between account types
- Transaction Ids
- Security threats connected with the payment methods

Regular Expressions

- Validating textboxes, emails, phone number, etc
- Creating custom regular expressions

Object Oriented Programming in PHP

- Classes, Objects, Fields, Properties, _set(), Constants, Methods
- Encapsulation
- Inheritance and types
- Polymorphism
- Constructor and Destructor

- Static Class Members, Instance of Keyword, Helper Functions
- Object Cloning and Copy
- Reflections

Working with the Files and Operating System

- File Functions
- Open, Create and Delete files
- Create Directories and manipulate them
- Information about Hard Disk
- Directory Functions
- Calculating File, Directory and Disk Sizes

Web Services

- Why Web Services
- RSS Syntax
- SOAP
- How to Access Web Services

XML Integration

- What is XML
- Create a XML file from PHP with Database records
- Reading Information from XML File

With Complete

- MVC Architecture
- Laravel
- Word Press
- AJAX
- CSS
- JQUERY (Introduction only)