

PHP & MYSQL

CORE TOPICS

1. HTML/XHTML/HTML5
2. CSS/CSS3
3. Java Script
4. Ajax
5. J Query
6. Bootstrap
7. PHP and PHP5
8. Mysql
9. Wordpress
10. Joomla
11. Zend

HTML/XHTML/HTML5

- Introduction to HTML.
- HTML page structure.
- Basic Html Tags.
- Table Tags.
- HTML layout.
- Creating forms with HTML.
- List
- Introduction to HTML5.
- HTML5 Elements.
- HTML5 Graphics.
- HTML Audio.
- HTML Video.
- YOU TUBE Integration.

CSS & CSS3

- Introduction.
- Syntax.
- Selectors.
- Types of CSS.
- Examples
- Introduction to CSS3.
- Differences between CSS and CSS3.
- Transformation, Opacity and others effects.

JAVA SCRIPT & J Query

- Introduction.
- Use of Javascript.
- Syntax.
- Variable, Operators and Loops.
- Functions
- Arrays.
- Events.
- Validation with Javascript.
- Regular Expression.
- Detecting Browser.
- JQuery Introduction.
- JQuery Installation.
- JQuery Syntax.
- JQuery Selectors
- JQuery Events.
- JQuery Hide/Show, Fade, Slide, Animate, Stop.
- JQuery HTML (Append method, Prepend method, Remove method and many more methods)
- JQuery CSS manipulation (addclass, removeclass etc).

AJAX

- Ajax Introduction.
- Asynchronous and Synchronous request.
- XML HTTP Request.
- How Ajax Works.
- Ajax with JavaScript.
- Ajax with JQuery.
- Ajax example.

- Ajax with Database.
- Ajax with PHP.

BOOTSTRAP

- Introduction.
- Get Started
- Grid System
- Fixed Layout
- Fluid Layout
- Responsive Layout
- Table, Lists, Forms, Images, Pagination, etc.

PHP BASIC

- Introduction to PHP
- PHP for Web Development & Web Applications.
- Features of PHP.
- How PHP works with the Web Server.
- What is SERVER & how it works?
- What is ZEND Engine?
- PHP Installation.
- PHP Syntax.
- Datatypes and variable declaration.
- HTML integration with PHP.
- Operators.
- Control flows.
- Loops.

Arrays and Function

- Arrays and Arrays function.
- String and Date functions.
- Function.
- PHP Function.
- Types of function
- Passing Parameter (call by value and call by reference) and return value.

Advance PHP

- Super Global Variable.
- Input value using HTML form.

- Reusing code (Using Include, Require and HTML template).
- Redirection.
- Session and Cookies.
- Uploading File.
- How to send mail in PHP.
- Error Handling.
- File Handling.
- Encryption and Decryption

PHP5 (OOPS)

- Object Oriented Programming in PHP.
- Class and Object.
- Properties and Methods.
- Access specifier.
- Constructor and Destructor.
- Encapsulation.
- Polymorphism.
- Overloading.
- Overriding.
- Inheritance.
- Abstracts class.
- Interface.
- Magic methods.
- Exception Handling.
- OOPS based Example.

Regular Expression

- Regular Expression.
- Introduction to Regular Expression
- Preg & Ereg functions
- Email validation
- String pattern matching

MYSQL

- Introduction to MYSQL.
- DBMS Vs RDBMS.
- DML , DDL, DCL
- Keys.
- Normalization.
- Using MySQL on the Web
- Adding tables to a database

- Creating a table.
- Connecting to a database server.
- Using Database Queries for accessing & manipulating data from database.
- Opening Database Connection/closing database connection.
- Select/Insert/delete & Update Database from forms.
- Database Functions.
- Joins.
- Constraints.
- Triggers.
- SQL Injections.

WORDPRESS (CMS)

- Introduction to Wordpress.
- Wordpress installation.
- Find and use WordPress Plugins.
- Dashboard.
- Pages, Tags, Media and Content Administration.
- Structure of WordPress Themes.
- Installing and Configuring Themes.
- Editing and Customizing Themes.
- Understanding Posts versus Pages.
- Organizing Posts with Categories.

JOOMLA (CMS)

- Introduction to JOOMLA.
- Joomla installation.
- Global configuration.
- Article Manager.
- Frontpage Manager.
- Archive Manager.
- Category Manager.
- Menu Manager.
- Template Manager.
- User Manager.
- Module Manager.
- Working with the Extension Manager Media Manager.
- Default Joomla Templates.
- Customizing the Joomla Template.
- Adding Styles to Joomla Template.

- Media Manager.
- Links Manager.
- User Manager.
- Template Manager.
- Language Manager.
- Banner Manager
- Customizing Joomla Template

ZEND FRAMEWORK

- Zend Framework and MVC Introduction
- Installation and Configuration.
- Folder Structure.
- Index.php as Single Access File.
- Model.
- View.
- Controller.
- Database Intro.
- CRUD Application

