



LAKSHYA INSTITUTE OF TECHNOLOGY

BCA, BSc ITM and BSc CS

Affiliated to Utkal University

RASHMI RANJAN DAS

Ph - 7978092277



PHP WEB DEVELOPMENT SYLLABUS

Introduction to PHP

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

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
- Continue and break

PHP Functions:

- PHP Functions
- Using Predefined PHP Functions
- Creating User-Defined Functions
- Parametrized Function
- Call by Value
- Call by Reference
- Default Argument
- Recursive Function





LAKSHYA INSTITUTE OF TECHNOLOGY

Affiliated to Utkal University

RASHMI RANJAN DAS

Ph - 7978092277

PHP WEB DEVELOPMENT SYLLABUS

PHP with Array

- PHP Indexed Array
- PHP Associative Array
- Multidimensional Array
- PHP Array Function

PHP with File Handling:

- Reading and Writing Files
- Reading Data from a File
- File Upload and Download

PHP State Management:

- Managing Sessions and Using Session Variables
- Destroying a Session
- Storing Data in Cookies
- Setting Cookie

PHP with String & Math:

- PHP String
- String Functions
- Math Functions

PHP with Form & Include, Require:

- Form with Get Post
- Form Validation
- Form Required
- Form URL/Email





LAKSHYA INSTITUTE OF TECHNOLOGY

Affiliated to Utkal University

RASHMI RANJAN DAS

Ph - 7978092277

PHP WEB DEVELOPMENT SYLLABUS

PHP with OOP:

- Class/Object
- Constructor & Destructor
- Access Specifier
- PHP Inheritance
- PHP Iterable

PHP with MySQL:

- 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