

PHP Course Content Advance

1st Module: Introduction

1. » The Origin of PHP
2. » PHP is better than Its alternatives
3. » Interfaces to External systems
4. » Hardware and Software requirements
5. » What a PHP Script Looks Like c
6. » Web Designing Basics and WYSIWYG Editor
7. » Receiving User Input
8. » Repeating Code

2nd Module: Basic PHP Development

1. » How PHP scripts work
2. » PHP syntax
3. » PHP data types
4. » Google Caffeine
5. » displaying type information
6. » Testing for a specific data type
7. » Changing type with Set type
8. » Operators
9. » Variable manipulation
10. » Dynamic variables
11. » Static vs. Dynamic Optimization
12. » Analytics, Analysis and ROI Concept

3rd Module: String Manipulation

1. » Formatting String for Presentation
2. » Formatting String for Storage
3. » Joining and Splitting String
4. » Comparing String
5. » Matching and replace Substring

4th Module: Control Structures

1. » If(), else if() and else if condition Statement
2. » The switch statement
3. » Using the ? operator
4. » Using the while() Loop

5. » The do while statement
6. » Using the for() Loop
7. » Breaking out of loops
8. » Nesting loops
9. » Summary

5th Module: Functions

1. » What a function
2. » Creating a function
3. » Returning value from function
4. » User-defined functions
5. » Dynamic function calls
6. » Variable scope
7. » Accessing variable with the global statement
8. » Function calls with the static statement
9. » Setting default values for arguments
10. » Passing arguments to a function by value
11. » Passing arguments to a function by reference
12. » Testing for function existence Arrays
13. » Single-Dimensional Arrays
14. » Multidimensional Arrays
15. » Associative arrays
16. » Accessing arrays
17. » Getting the size of an array
18. » Looping through an array
19. » Looping through an associative array
20. » Examining arrays
21. » merging arrays
22. » Sorting arrays
23. » Sorting an associative arrays

6th Module: Working With The File System

1. » Creating and deleting a file
2. » Reading and writing text files
3. » Working with directories in PHP
4. » Checking for existence of file
5. » Determining file size
6. » Opening a file for writing, reading, or appending
7. » Writing Data to the file
8. » Reading characters

7th Module: Working With The File System

1. » Super global variables
2. » Super global array
3. » A script to acquire user input
4. » Importing user input
5. »
6. » Accessing user input
7. » Combine HTML and PHP code
8. » Using hidden fields
9. » Redirecting the user
10. » File upload and scripts
11. » Delete a File

8th Module: Working With Regular Expressions

1. » The basic regular expressions
2. » Matching patterns
3. » Finding matches
4. » Replace patterns

9th Module: Classes And Objects

1. » Object oriented concepts
2. » Define a class
3. » Class attributes
4. » An Object
5. » Creating an object
6. » Object properties
7. » Object methods
8. » Class constants
9. » Static method
10. » Class inheritance
11. » Abstract classes
12. » Final keyword
13. » Implementing Interface
14. » Object serialization
15. » Understanding Advance and New
16. » Checking for class and method existence
17. » Iterators

10th Module: Introduction To Database

1. » What is RDBMS technology?
2. » Introduction to SQL
3. » Connecting to the MYSQL

4. » Selecting a database
5. » Adding data to a table
6. » Displaying returned data on Web pages
7. » Finding the number of rows
8. » Looping through database
9. » Inserting data
10. » Deleting data
11. » Entering and updating data
12. » Executing multiple queries
13. » Understanding Primary and Foreign Keys
14. » Understanding Database Normalization
15. » Dealing with Dates and Times

11th Module: Cookies

1. » What is a Cookie?
2. » Setting time in a cookie with PHP
3. » Deleting a cookie
4. » Creating session cookie
5. » Working with the query string

12th Module: Session

1. » what is session?
2. » Starting a session
3. » Registering Session variables
4. » working with session variables
5. » destroying session
6. » passing session Ids
7. » encoding and decoding session variables
8. » How to increase session expire time
9. » How to work session without cookie?

13th Module: Advance PHP techniques

1. » Introduction about FTP/SMTP server
2. » Math functions
3. » File upload
4. » File Download
5. » E-mail with PHP
6. » PHP configuration file
7. » Error tacking and debug

14th Module: JavaScript (Jquery)

1. » Introduction to JavaScript
2. » Form validation using JavaScript
3. » Email validation using JavaScript
4. » JQuery

15th Module: XML

1. » Introduction to XML and its use.

16th Module: AJAX (Asynchronous JavaScript and XML)

1. » Introduction to AJAX
2. » Introduction to XMLHttpRequest Object
3. » Method and Properties of XMLHttpRequest
4. » Application of AJAX in web application

17th Module: Frame Work

1. » Basic Concepts of Framework
2. » Basic Concept of Code Igniter

18th Module: OsCommerce (Open Source Shopping Cart)

1. » Introduction to Shopping Cart
2. » Introduction to osCommerce opensource
3. » Discussion of various module of osCommerce

19th Module: PHP Live Project

1. » Project Discussion
2. » Requirements analysis of Project