

## PHP Lectureflow

The below given flow should be followed by each faculty while taking lectures. If the faculty decides to change the flow - he/she will need to first take permission from the Training coordinator at the HO (Ahmedabad office)

Module 13) PHP - Core PHP	10
<ul style="list-style-type: none"> <li>• HTTP Protocol</li> <li>• PHP syntax</li> <li>• PHP variable</li> <li>• Super Global Variables</li> <li>• Practical Example: 1) Create Multiple Tables and perform the queries using Select,Update,Delete,Insert Where,Like,Group By,Having,Limit,Offset,Sub QueryAnd ,Or,Not,In</li> <li>• Conditions Events and flows</li> <li>• If condition</li> <li>• If else if</li> <li>• Practical Example : 1)Make Simple Calculator 2) Find the current day and if it is Sunday than print happy Sunday</li> <li>• Practical Example: 1) Restaurant food Category Program using Switch case Display Which Category and dish user selected. 2) Using Ternary display age if it is greater than 18 3)Display Name Of the color which user selected</li> <li>• Do While Loop</li> <li>• For each Loop</li> <li>• For loop</li> <li>• Practical Example : 1) Create a script that displays 1-2-3-4-5-6-7-8-9-10 on one line. 2) Create a script using a for loop to add all the integers between 0 and 30 and display the total. 3)Write a PHP script using nested for loop that creates a chess board 4)All Patterns</li> <li>• Array Function</li> <li>• Date-time function</li> <li>• Header function</li> <li>• Include require</li> <li>• Practical Example: 1) Perform all the function. 2)In user define function: 3)Create calculator 4)Find factorial using recursion 5)Reverse string without function 6) Download file on button click</li> <li>• PHP array</li> <li>• PHP expression</li> <li>• PHP function</li> <li>• PHP operations</li> <li>• String Function</li> <li>• PHP String</li> <li>• Practical Example: 1)Display the value of the array 2) To Find the number of odd and even element in array. 3) Create associative array for user detail and display the user detail. 4)shifted all the zero in bottom up of the array</li> </ul>	
Module 14) PHP- Advance PHP	20

- OOPs Concepts
- Class
- Object
- Extends
- Overloading
- Abstraction interface
- Constructor
- Destructor
- Magic Methods
- Scope Resolution
- Traits
- Visibility
- Type hinting
- Final keyword
- Email security function
- File handling
- Handling emails
- MVC Architecture
- Practical Example: Implementation of all the OOPS Concept
- Connection with MySQL database
- SQL injection
- Practical : 1) Take Project Definition 2) Exception handling with try catch for database connection and all queries. 3) Server- side Validation while Registration using Regular expressions. 4) Send mail while registration
- Session and cookies
- File upload
- PHP with MVC Architecture
- Insert, Update, Delete MVC
- Practical Example: 1) Apply session cookies concepts 2) File uploading and downloading 3) Bootstrap data-table Pagination
- Java script
- JQuery
- JQuery Events
- JQuery Validation
- Practical Example: 1)Alert, Prompt, Confirm 2)Create calculator 3)Create slideshow 4)Validation using JavaScript 5)Hide show using jQuery
- PHP and Ajax
- AJAX (crud)
- Regular Expression
- Practical Example :1) Event Examples (Onblur,onkeypress) 2)Regular expression 3) Create dependent drop down Pagination using ajax jQuery in MVC Project Insert Files using Ajax