

Branch Name:	IMCA
Program Code:	CS301
Course Name:	1CS3010302P
Course Code:	Web Design Technology-Practical
Pre-requisite Course:	Programming Skills

Course Objectives:

1. Able to install and configure PHP, apache and MySQL.
2. Ability to create form validation ,send and receive the data on the web in php.
3. Get a good quality understanding of web applications.

Teaching and Examination Scheme:

Teaching Scheme (Hours per week)				Evaluation Scheme (Marks)				Total (Marks)
Lecture (L)	Tutorial (T)	Practical (P)	Credit	Theory (Marks)		Practical (Marks)		
				University Assessment	Continuous Assessment	University Assessment	Continuous Assessment	
-	-	3	3	-	-	25	25	50

LAB/Practical

1. Write a PHP script to display 'Hello World' messages on screen.
2. Write a PHP script to display current date and time.
3. Write a PHP script to demonstrate arithmetic operators, comparison operators, and logical operators.
4. Write PHP Script to find the maximum number out of three given numbers.
5. Write a PHP script to check whether a given number is odd or even.
6. Write a PHP script to input marks of three subject and show the grade of student using switch statement
7. Write PHP script to demonstrate Variable function.
8. Write a PHP program to input a single number from 1 to 10 and print the numbers from 1 to 10 other than given number
9. Write a PHP script to demonstrate Array functions.
10. Write a PHP script to find out the sum of an array of elements.
11. Write a PHP script to print the numbers from 1 to the given number.
12. Write a PHP script to check weather a given number is prime or not
13. Write a PHP script to find the greatest and smallest elements from a given array.
14. Write a PHP script to demonstrate string function.
15. Create student registration form using text box, check box, radio button, select, submit button. And display user inserted values in the new PHP page.
16. Write a PHP script to demonstrate State Management Function.
17. Write a PHP script to demonstrate the use of default arguments.
18. Write a PHP script to demonstrate the use of a recursion function.
19. Write a PHP script to demonstrate the use of call by value and call by reference.
20. Write PHP script to demonstrate form validation using javascript
21. Write a PHP script to print all elements of array using for each loop
22. Write a PHP script to Merge two array in sorted manner
23. Write a PHP script to perform concating two string
24. Write a PHP script to upload the image.
25. Write a PHP script to develop a student registration form and display all the submitted data on another page.
26. Write a PHP script to get username and password from the user. If the username is 'admin' and password is 'IMCA' then show the welcome page otherwise show the error and redirect to the login page.

Text Books:

1. Learning PHP, MySQL & JavaScript 5th edition Robin Nixon
2. Headfirst PHP & MySQL 1st edition Lynn Beighley
3. Larry Ullman, PHP for Web, Fifth Edition, Pearson
4. PHP and MySQL Web Development 5th edition Luke Welling

Reference Books:

1. Teach yourself PHP, MySQL and Apache All in One , 5th Edition
2. Learning PHP, MySQL, books by ‘ O’reilly Press.
3. PHP: The Complete Reference , Steven Holzner, McGraw-Hill.
4. Head First PHP & MySQL – by Lynn Beighley & Michael Morrison.
5. PHP: A Beginner's Guide – by Vikram Vaswani.

List of Open Source Software/learning website:

- <https://www.geeksforgeeks.org>
<https://www.w3schools.com>
<https://www.codecademy.com>
<https://www.tutorialspoint.com>

Course Learning Outcomes (CLO): On completion of this course, the students will be able to:

CLO	Description	Bloom’s Taxonomy Level
CLO1	Familiar with creating of the server side scripting using PHP	2 Understanding 3 Applying,
CLO2	Build Dynamic web pages using server-side PHP programming with Database Connectivity	3 Applying, 6 Creating
CLO3	Aware about the software tool and process like Eclipse IDE, Sublime text, visual studio code	2 Understanding,
CLO4	build website that perform CRUD operation for creating, reading, updating, and deleting data and will show on website	3 Applying, 6 Creating
CLO5	Design responsive form with different input type elements using bootstrap	3 Applying,
CLO6	build a custom solution that catches PHP errors and exceptions and shows a proper error page for them	6 Creating

Mapping of CLOs with Pos & PSOs

Course Learning Outcomes	Program Outcomes(POs)												Program Specific Outcomes(PSOs)	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CLO1	L	M	M	H	L		M	L	M		L	M	M	L
CLO2	M	H	M	L	H		M	L	M		H	M	H	H
CLO3	L	M	L		L	H	L		H		L	M	L	M
CLO4	M	H	M	L	H		H	M	M		L	M	H	H
CLO5	H	L	H	M	M		M	L	M		M	L	H	M
CLO6	H	M	M	M	L		M	M	L	H	L	M	M	H

H:High, M:Medium, L:Low