

Branch Name:	IMCA
Program Code:	CS301
Course Name:	1CS3010404P
Course Code:	Advance Web Technology Practical
Pre-requisite Course:	Programming Skills

Course Objectives:

1. Extend proficiency in development of web applications.
2. Able to carry out the study of web page designing and database fundamentals.
3. Able to design the web applications with backend

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 PHP script to demonstrate form validation using JavaScript
2. Write PHP script to demonstrate the use of regular expression
3. Write PHP code to create a cookie.
4. Write a PHP script to perform file operation.
5. Write a PHP script that implements the concept of constructor and destructor.
6. Write a program to retrieve the name of a product from the database table into a drop down list.
7. Write PHP code to create a table in the database and insert records into it using php script.
8. Write a PHP script to retrieve records from the database table.
9. Write a program to get value from database into dropdown using oop php mysql
10. Write a program to Retrieve Data from MySQL using class and object.
11. Add, Update and delete record from MySQL using class and object
12. Create Login and Registration Form in PHP Using OOP
13. Create a dynamic web site using PHP and MySQL.
14. Write a program to read Student information like Rollo, name, address and city from the Student table and display all this information in table format on the output screen. Provide options for editing and deleting a particular record from the database.
15. Write PHP code to develop E-mail registration form and store all the submitted data in the database table.
16. Set a session after the user's login; maintain the user's data with the session. Destroy the session and its data after a period of time.
17. Write PHP code to store images in a database table.

Text Books:

1. Learning PHP, MySQL & JavaScript 5th edition Robin Nixon
2. Headfirst PHP & MySQL 1st edition Lynn Beighley
3. PHP and MySQL Web Development 5th edition Luke Welling
4. Jeremy McPeak, Paul Wilton, Beginning JavaScript Wrox Publication

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. Tim Converse and Joyce Park, PHP6 and MySQL Bible –Steve Suehring, Wiley India
5. Head First PHP & MySQL by Lynn Beighley, Michael Morrison, O'Reilly Media

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	Design and develop fully functional dynamic web applications using the concepts of PHP, MySQL,	2 Understanding 3 Applying,
CLO2	Build Dynamic web pages using server-side PHP programming with Database Connectivity	3 Applying, 6 Creating
CLO3	build website that perform CRUD operation for creating, reading, updating, and deleting data and will show on website	3 Applying, 6 Creating
CLO4	Develop a program for creating databases and perform various crud operations using php and mysql.	3 Applying, 6 Creating
CLO5	Create and execute dynamic websites using the newest technical knowledge and a strong sense of template design.	3 Applying, 6 Creating
CLO6	Use the methods and resources for efficient website analysis and planning.	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	M	M	H	L	M			M	L		M	M	M	L
CLO2	H	H	H	L	H		L	L	M		M	M	H	H
CLO3		L	L		H		L		L		L	L	L	M
CLO4	H	H	H	L	H		L	L	M		M	M	H	H
CLO5	L	L	H	L	M		L	L	L		M	L	H	M
CLO6	M	M	H	M	H		L	M	L		M	M	M	H

H:High, M:Medium, L:Low