



## DEPARTMENT OF COMPUTER APPLICATIONS

### Lesson Plan & Work-done Diary for AY:2025-26, EVEN Semester

Course with Code: PHP and SQL - BBCA401					Faculty: Ms. Keerthi H			Semester & Section: IV	
Class No.	Date planned (DD/MM)	Topics to be covered	TLP Planned	Class No.	Date of Conduction (DD/MM)	Topics Covered	TLP Executed	Remarks if any deviation	
<b>MODULE-1</b>									
1	19/01/26	Bridge Course							
2	21/01/26	Overview of Syllabus							
3	22/01/26	Introduction to php							
4	28/01/26	Basic Development Concepts							
5	29/01/26	Creating First PHP Script							
6	02/02/26	Variables in PHP							
7	04/02/26	Data Types in PHP							
8	05/02/26	PHP Operators							
9	09/02/26	Advanced Operators and Constants							
10	11/02/26	Handling Form Input							



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<b>MODULE-2</b>									
11	12/02/26	Introduction to Program Control							
12	16/02/26	Writing Simple Conditional Statements							
13	18/02/26	Complex Conditional Statements							
14	19/02/26	Looping Statements							
15	02/03/26	Iterative Control Statements							
16	04/03/26	String and Numeric Functions							



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<b>MODULE-3</b>									
17	05/03/26	Introduction to Arrays							
18	09/03/26	Associative and Multidimensional Arrays							
19	11/03/26	Processing Arrays							
20	12/03/26	Arrays and Forms							
21	16/03/26	Arrays Functions							
22	18/03/26	Arrays Functions							
23	23/03/26	Working with Dates and Times							



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<b>MODULE-4</b>								
24	25/03/26	User-Defined Functions						
25	26/03/26	Introduction to OOP's (Classes & Objects)						
26	06/04/26	Advanced OOP Concepts						
27	08/04/26	File Handling Basics: Reading Files (Local & Remote)						
28	09/04/26	Advanced File Handling & Configuration Files						
29	13/04/26	Directories and Applications						
30	15/04/26	Creating a Photo Gallery						



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<b>MODULE-5</b>								
31	16/04/26	Introducing Databases and SQL						
32	22/04/26	Database Structure and Relationships						
33	23/04/26	Understanding SQL Statements						
34	27/04/26	Using PHP's MySQLi Extension						
35	29/04/26	MySQLi Data Manipulation and Error Handling						
36	30/04/26	Using PHP's SQLite Extension						
37	04/05/26	Using PHP's PDO Extension						
38	06/05/26	PDO Error Handling and Secure Database Access						
39	07/05/26	VTU Paper Discussion						
40	14/05/26	Rivision						



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<b>LAB SESSIONS</b>									
1	23/01/26	BASIC PROGRAMS	Practical Session	1					
2	30/01/26	Develop a PHP program to convert Dollar into Rupee.	Practical Session	2					
3	06/02/26	Develop a PHP program to test odd and even number.	Practical Session	3					
4	13/02/26	Develop a PHP program to assign the scouts to tents based on their age.	Practical Session	4					
5	20/02/26	Develop a PHP program to calculate factorial of a number.	Practical Session	5					
6	06/03/26	Develop a PHP program to display count of distinction and failed students in a subject.	Practical Session	6					



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7	13/03/26	INTERNAL ASSESSMENT-1	Practical Session	7				
8	20/03/26	Develop a PHP program to enter your date of birth and calculate how old you are today, in years and months.	Practical Session	8				
9	27/03/26	Develop a PHP program to calculate GCF and LCM.	Practical Session	9				
10	17/04/26	Develop a PHP program to demonstrate constructors and destructors.	Practical Session	10				
11	24/04/26	Develop a PHP program to copy a file without using built-in function.	Practical Session	11				
12	08/05/26	Develop a PHP code to read the values entered into the form using the MySQL database.	Practical Session	12				
13	15/05/26	INTERNAL ASSESSMENT-2	Practical Session	13				



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	Activity	Planned	Actual	Remarks
1	Theory Classes	40		
2	Assignments/Quizzes/ Seminar	2 Assignments + Quizzes		
3	Tutorials/ Extra classes			
4	Internal Assessments	2		
5	ICT based Teaching (% of usage in Curriculum)			
6	Laboratory Session	13 Practical Sessions/ batch		
<b>Planning</b>			<b>Execution</b>	
Faculty Signature:			Faculty Signature:	
HoD Signature:			HoD Signature:	