



## Sub Committee for Curriculum Development

**Course Name: Server Side Web Technology**

**(UG/PG): UG**

**Number of Credits: 4**

**Level: 3**

### **Learning Objective(s):**

- Be able to gather requirements for a web application
- Design an efficient, logical program
- Utilize PHP built-in functions in their web applications

### **Pedagogy:**

- Classroom Sessions
- Lab Sessions

**Pre-requisites: HTML, Javascript**

### **Course Outline**

<b>Sr. No.</b>	<b>Topic Name</b>	<b>No. Of Hrs.</b>
1	<b>Introduction:</b> Introduction to database	8
2	<b>Introduction to PHP:</b> History, Comparison to other languages	2
3	<b>PHP Basics:</b> Creating PHP scripts, Variables, constants, Operators, Control structures, iteration, Interfacing with HTML forms	10
4	<b>Numbers, Dates, Arrays and Strings:</b> Number manipulation, Date and Time, Various array types, Formatting, joining, splitting, comparing, and other string manipulations, Regular expressions, Functions	18
5	<b>System Interaction:</b> Opening, closing, writing to, and reading from data files, Executing system commands	7
6	<b>Maintaining Sessions and cookies:</b> Introduction,	10

	Creating / Deleting session variable, Saving sessions, Setting session name	
7	<b>Project:</b> Simple Project using PHP & MySQL	5
	<b>Total</b>	<b>60</b>

**Book Recommended:**

1. Programming PHP, Rasmus Lerdorf, Kevin Tatroe,
2. Programming PHP - O'Reilly Media

**Research Papers/Articles recommended for reading:**

**Suggested Evaluation Methods:**

- On-line quizzes,
- Written exam,
- Practical exam
- Assignments and Mini Project

**Parallel/Similar courses the existing curriculum:**

S.No.	Name of the course	Institute where it was offered

Name of Member	Ms Minal Abhyankar				
Designation	Junior Lecturer				
Org. / Inst.	SICSR				
Signature					

Name of the Expert:

Signature:

Date: