



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:

Sr. No.	Topic	Hours.
1	Introduction: Introduction to database	8
2	Introduction to PHP: History, Comparison to other languages	2
3	PHP Basics: Creating PHP scripts, Variables, constants, Operators, Control structures, iteration, Interfacing with HTML forms	10
4	Numbers, Dates, Arrays and Strings: Number manipulation, Date and Time, Various array types, Formatting, joining, splitting, comparing, and other string manipulations, Regular expressions, Functions	18
5	System Interaction: Opening, closing, writing to, and reading from data files, Executing system commands	7
6	Maintaining Sessions and cookies: Introduction, Creating / Deleting session variable, Saving sessions, Setting session name	10
7	Project: Simple Project using PHP & MySQL	5

	Total	60
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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: