



SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)

(Established under section 3 of the UGC Act 1956)

Re - accredited by NAAC with 'A' Grade

Founder: Prof. Dr. S. B. Mujumdar, M.Sc., Ph.D. (Awarded Padma Bhushan and Padma Shri by President of India)

(Established under section 3 of the UGC Act 1956, by notification No.F.9-12/2001-U3 Government of India)

Sub Committee for Curriculum Development

Course Name: PHP

Course Code: T3016

(UG/PG): PG

Number of Credits: 2

Level:4

Learning Objective(s):

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

Pedagogy:

- (1) Lectures
- (2) Class work discussion
- (3) Lab sessions

Pre-learning:

- 1) Understanding of programming concept.
- 2) Basic knowledge of Web sites , Web pages, HTML

Course Outline :-

S.No.	Topic	Hours
1	Introduction to PHP:- PHP Scripting, PHP page execution, PHP engine. PHP programming:- Variables, data types, defining variables, PHP constants, Operators , precedence of operator.	3
2	Statements of PHP:- If-else, switch-case, for loop, while, do-while, foreach, break. Functions:- defining function, function call, passing parameter, call by value, call by reference.	6
3	Date Time Functions. Arrays in PHP:- array creation, types of arrays, numeric array, associative array, multidimensional array, array functions, global arrays in PHP.	6
4	String in PHP:- crating & managing String , String functions in PHP to manipulate string operations such as search, substring, trimming, sort, reverse, split, case conversion.	4
5	Database connectivity:- PHPMyAdmin, working with MySQL database, creating databases, insert, update, delete operation on database. Functions for connecting to MySQL databases, fetching & modifying data from database.	5
6	Session management in PHP: -Session creation, session tracing, using session to store information. Cookies:- Adding cookies to user response, retrieving cookies from user request.	6
	Total	30

Books Recommended

- 1) PHP AND MYSQL WEB DEVELOPMENT 4th., By WELLING,LUKE / THOMPSON,LAURA, NEW DELHI / DORLING KINDERSLEY(INDIA)Pvt.Ltd. / 2010.
- 2) PHP FOR BEGINNERS, By BAYROSS,IVAN / SHAH,SHARANAM, MUMBAI / SPD / 2006.
- 3) LEARNING PHP 5 INDIAN ed., By SKLAR,DAVID, MUMBAI / SPD / 2009.
- 4) CORE WEB APPLICATION DEVELOPMENT WITH PHP AND MY SQL, By WANDSCHNEIDER,MARC, NEW DELHI / DORLING KINDERSLEY(INDIA)Pvt.Ltd. / 2006.
- 5) Programming PHP, Rasmus Lerdorf, Kevin Tatroe , Peter MacIntyre.

Suggested Evaluation Methods:

- 1. Online Test
- 2. Lab Examination
- 3. Viva
- 4. Lab Assignments

Parallel/Similar courses the existing curriculum:

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

Name of Member					
Designation					
Org. / Inst.					
Signature					

Name of the Expert:

Signature:

Date:

