



C. U. SHAH UNIVERSITY

Wadhwan City

FACULTY OF: Computer Science
DEPARTMENT OF: Bachelor of Computer Applications(BCA)
SEMESTER : III
CODE:4CS03BPP1
NAME: Introduction to PHP Programming

Teaching and Evaluation Scheme W. E. F. : June – 2018

Sr. No	Subject Code	Subject Name	Teaching Hours/Week				Credits	Evaluation Scheme/Semester							
			Th	Tu	Pr	Total		Theory				Practical			Total Marks
								Sessional Exam		University Exam		Internal		Uni.	
			Marks	Hrs	Marks	Hrs		Pr	TW	Pr					
3	4CS03BPP1	Introduction to PHP Programming	4	-	-	4	4	30	1.5	70	3	-	-	-	100

Teaching and Evaluation Scheme:-

Objectives:

- The objective of this subject is to get in-depth practical knowledge of PHP
- To obtain practical knowledge of website development for real life.

Pre-requisites: Fundamental knowledge HTML

Course Outline:

Sr. No.	Chapter Name	Course Content	Hours
1	Introduction to PHP	1.1 Static Page 1.2 Dynamic page 1.3 Client side scripting 1.4 server side scripting 1.5 What is PHP? 1.6 Characteristics of PHP 1.7 How PHP is parsed? 1.8 PHP Syntax 1.9 PHP Comments 1.10 PHP variable 1.11 Scope of variable 1.12 PHP operators 1.13 \$_GET 1.14 \$_POST 1.15 \$_REQUEST 1.16 Conditional statements 1.17 Looping statements 1.18 Array	15

2	PHP function	2.1 Creating function in PHP 2.2 Passing functions some data 2.3 Passing array to function 2.4 Passing by reference 2.5 Using default argument 2.6 Returning data from function 2.7 Returning array 2.8 PHP variable function 2.9 Nesting functions 2.10 String functions 2.11 Math functions 2.12 Array functions 2.13 Date functions 2.14 Miscellaneous functions 2.15 File handling functions 2.16 HTML forms with PHP 2.17 Regular expression in PHP	15
3	PHP file	3.1 PHP file upload 3.2 PHP file download 3.3 PHP Cookie 3.4 PHP session 3.5 \$_SERVER variable 3.6 Environment variables	10
4	MySQL	5.1 What is Database ? 5.2 Essential concepts of database 5.3 Introduction to Mysql 5.4 Mysqldatatypes 5.5 Connection to database (mysql_connect, mysql_close()) 5.6 Creating mysql database 5.7 Creating new table 5.8 altering table 5.9 Inserting records into database 5.10 Updating database 5.11 Deleting records 5.12 Displaying records 5.13 Where clause 5.14 Fetching datasets 5.15 Counting numbers of rows and affected rows in datasets 5.16 Mysql Aggregate Functions (sum,avg,count) 5.17 Mysql Clauses (where, group by, order by, having) 5.18 Operator OR,IN, NOT,BETWEEN, LIKE 5.19 Sub queries 5.20 Joins and Unions	15
		Total	55

Learning Outcomes:

- He/She should be able to understand the concepts of Operating System.
- He/She should be aware of operating system failure of know error.

- He/She should be able to solve problems of application errors due to Operation of function and define base architecture in terms of OS fundamentals.

Teaching & Learning Methodology:

- The module will be delivered via lectures (by teaching aids i.e. Projectors PPT and PDF's) and assignments. Students are also expected to undertake self-study during this course.

Books Recommended:

1. Operating System Principles, **A. Silberschats, Peter Galvin, Greg Gagne**, WILEY-India 7th Edition.
2. Operating Systems, **William Stallings**, Pearson 6th Edition.
3. Operating Systems, **Achyut Godbole**, Tata McGraw- Hill.
4. Unix Systems Programming : Communication, Concurrency and Threads, **Kay Robbins**, 2-Edition, Pearson Education
5. Unix concepts and applications, **Sumitabha Das**, TMH Publications.
6. Unix programming, **Stevens**, Pearson Education.