

SARDAR PATEL UNIVERSITY
Programme: BBA (Information Technology Management)
Semester: V
Syllabus with effect from: June-2013

Paper Code: UM05CBBI01	Total Credit:3
Title Of Paper: Web Application Development	

Unit	Description in detail	Weighting (%)
I	Introduction to PHP History of PHP, Features of PHP, General structure of PHP, Displaying output, Escaping special characters, Variables - (declaring, assigning, destroying), Datatypes, Setting and testing datatypes - Constants - Operators (Arithmetic, Comparison, Logical, Assignment, Concatenation)	25%
II	PHP Basics Control structures (if, if-else, if-elseif, select) - Looping structures (while, for) - 1-D Array (Number-indexed and Associative) (Storing data, assigning, accessing array elements, displaying) - User-defined functions	25 %
III	Advanced PHP and Form Interaction Working with Number, Strings functions, Working with Dates and Time - Creating tables using PhpMyAdmin, Interaction with HTML form	25 %
IV	Database programming and PHP Working with Forms PHP and MySQL Integration - Basic SQL Commands (insert, update, delete, select) - Database functions (mysql_connect, mysql_select_db, mysql_query, mysql_num_rows, mysql_fetch_array, mysql_fetch_field,mysql_close) -Generating reports using PHP and MySQL.	25 %

Basic Text & Reference Books:-

- PHP - A Beginner's guide, Vikram Vaswani, TMH 2009
- Web enabled commercial application development using HTML, Javascript, DHTML and PHP by Ivan Bayross, BPB Publication.
- Beginning PHP5 By Dave Mercer, Allan Kent, Steven Nowicki, David Mercer,DanSquier, Wankyu Choi, Wrox Publication
- Professional PHP by Castagnetto Jesus, Shroff Publication

