

UNIVERSITY OF MADRAS
BACHELOR OF COMPUTER APPLICATIONS (BCA)
DEGREE PROGRAMME
SYLLABUS WITH EFFECT FROM 2023-2024

Year: III

Semester: V

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Web Technology Practical Common for B.C.A. , B.Sc.-SA		320C51
Credits 5	Lecture Hours:5 per week	
Learning Objectives: (for teachers: what they have to do in the class/lab/field) • The objectives of this course are to have a practical understanding about how to writePHP code to solve problems. • Display and insert data using PHP and MySQL. • Test, debug, and deploy web pages containing PHP and MySQL. • It also aims to introduce practical session to develop simple applications using PHP andMySQL.		
Course Outcomes: (for students: To know what they are going to learn) 1. On the completion of this laboratory course the students ought to 2. Obtain knowledge and develop application programs using Python. 3. Create dynamic Web applications such as content management, user registration, and ecommerce using PHP and to understand the ability to post and publish a PHP website. 4. Develop a MySQL database and establish connectivity using MySQL.		

LIST OF PRACTICALS

- Write a PHP program which adds up columns and rows of given table
- Write a PHP program to compute the sum of first n given prime numbers
- Write a PHP program to find valid an email address
- Write a PHP program to convert a number written in words to digit.
- Write a PHP script to delay the program execution for the given number of seconds.
- Write a PHP script, which changes the colour of the first character of a word
- Write a PHP program to find multiplication table of a number.
- Write a PHP program to calculate Factorial of a number.
- Write a PHP script to read a file, reverse its contents, and write the result back to a newfile
- Write a PHP script to look through the current directory and rename all the files withextension .txt to extension .xtx.
- Write a PHP script to read the current directory and return a file list sorted by lastmodification time. (using filemtime())
- Write a PHP code to create a student mark sheet table. Insert, delete and modify records.
- From a XML document (email.xml), write a program to retrieve and print all the e-mailaddresses from the document using XML
- From a XML document (tree.xml), suggest three different ways to retrieve the text value'John' using the DOM:
- Write a program that connects to a MySQL database and retrieves the contents of any oneof its tables as an XML file. Use the DOM.