



BONAM VENKATA CHALMAYYA INSTITUTE OF TECHNOLOGY AND SCIENCE

(Autonomous)

BATLAPALEM, ANDHRAPRADESH, INDIA

BCA BR24II YEAR COURSE STRUCTURE

Applicable for batches admitted from 2024

II Year II Sem	WEB TECHNOLOGIES LAB	L	T	P	C
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Course code :24BC4SE5

Course Objectives:

- To implement the web pages using HTML and apply styles.
- Able to develop a dynamic web page by the use of Java Script.
- Design to create structure of web page, to store the data in web document, and transport information through web.
- Able to write a well formed/valid XML document.

Experiment 1:

Develop static pages(using HTML and CSS)of an online book store .The page should resemble: www.flipkart.com The website should consist the following pages.

- a) Homepage
- b) Registration and user Login
- c) User Profile Page
- d) Books catalog
- e) Shopping Cart
- f) Payment By credit card
- g) Order Conformation

Experiment 2:

Create and save an XML document on the server ,which contains 10 users information. Write a program, which takes User Id as an input and returns the user details by taking the user information from the XML document.

Experiment 3:

Write a PHP script that reads data from one file and write into another file.

University Nominee Dr. Suneetha Eluri		Alumni Member Mr. Hari Suresh Poliseti	
Subject Expert : 1 Dr. B Kezia Rani		Chairman Mr. A V S M Ganesh	
Subject Expert : 2 Dr. Suneel Kumar Duvvuri		Member Mr. G L N V S Kumar	
Representative From Industry Mr. Sai Krishna Narima		Member	

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HEAD OF THE DEPARTMENT
MASTER OF COMPUTER APPLICATIONS
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Experiment 4:

Write a PHP script to print prime numbers between 1-50.

Experiment 5:

Validate the Registration, user login, user profile and payment by credit card pages using JavaScript.

Experiment 6:

Write a PHP script to : a. Find the length of a string. b. Count no of words in a string. c. Reverse a string. d. Search for a specific string.

Experiment 7:

Install TOMCAT web server. Convert the static web pages of assignments 2 into dynamic web pages using servlets and cookies. Hint: Users information (user id, password, credit card number) would be stored in web.xml. Each user should have a separate Shopping Cart.

Experiment 8:

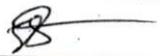
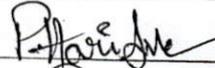
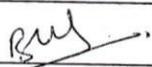
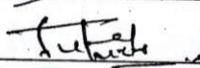
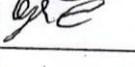
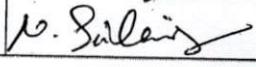
Redo the previous task using JSP by converting the static web pages of assignments 2 into dynamic web pages. Create a database with user information and books information. The books catalogue should be dynamically loaded from the database. Follow the MVC architecture while doing the website.

Experiment 9:

Install a database (My sql or Oracle). Create a table which should contain at least the following fields: name, password, email-id, phone number (these should hold the data from the registration form). Practice 'JDBC' connectivity. Write a java program/server/JSP to connect to that database and extract data from the tables and display them. Experiment with various SQL queries. Insert the details of the users who register with the web site, whenever a new user clicks the submit button in the registration page.

Experiment 10:

Write a JSP which does the following job: Insert the details of the 3 or 4 users who register with the web site (week 9) by using registration form. Authenticate the user when he submits the login form using the user name and password from the database.

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