



**MARRI LAXMAN REDDY**

**INSTITUTE OF TECHNOLOGY AND MANAGEMENT**

(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)

Accredited by NBA and NAAC with 'A' Grade & Recognized Under Section 2(f) & 12(B) of the UGC act, 1956

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**2260587 WEB TECHNOLOGIES LAB**

**B. Tech.III Year-II Sem**

**L / T / P / C**  
**0 / 0 / 2 / 1**

**COURSE OUTCOMES - CO'S**

- Design static web pages using HTML and CSS.
- Develop effective and interactive web pages using elements and selectors in style sheets and dynamic HTML.
- Make use of functions in JavaScript and JavaScript Control statements for implementing data validations in web applications.
- Develop dynamic web site using server-side PHP programming
- Construct website by using front end and back end programming.

**LIST OF EXPERIMENTS:**

1. Write a PHP script to print prime numbers between 1-50.
2. 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.
3. Write a PHP script to merge two arrays and sort them as numbers, in descending order.
4. Write a PHP script that reads data from one file and write into another file.
5. Develop static pages (using Only HTML) of an online book store. The pages should resemble: [www.amazon.com](http://www.amazon.com). The website should consist the following pages



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- 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
6. Validate the Registration, user login, user profile and payment by credit card pages using JavaScript.
7. 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.
8. 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.
9. 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