M. M. INSTITUTE OF COMPUTER TECHNOLOGY & BUSINESS MANAGEMENT
MAHARISHI MARKANDESHWAR (DEEMED TO BE UNIVERSITY), MULLANA
(Accredited by NAAC with Grade 'A++')

Session: 2024-25   **Paper Code: BCA 307**
Class: BCA-3rd Sem.   **Web Designing Lab.**

Course Objective: The aim of this course is to provide the knowledge of fundamental principles of web design. This course is designed to gain an understanding of web technologies and architectures.

Course Outcome: On completion of the course, students will be able to
1. Learn and understand the terminology related to Web Designing
2. Understand how web applications work.
3. Learn how to create websites and complete UI designs.
4. Learn to write valid and concise code for webpages.
5. Learn to develop a dynamic website with database connectivity.
6. Understand, analyze and build interactive web applications.

LIST OF PRACTICAL ASSIGNMENTS

HTML
1. Create a web page depicting your resume using basic HTML tags and list tags.
2. Create a format divided into 3 sections.
3. Write HTML code using Nested list.
4. Add the links in the webpage for, Play an Audio file, play a Video file, Download an Audio file Write a program to implement linear search.
5. Create a Menu or Table of Contents webpage. Each menu item should load a different webpage.

HTML Form
6. Create a form for student registration which have all field required for student registration.
7. Design a single-page website for a university containing a description of the courses offered, it should also contain some general information about the university such as its history, the campus and its unique features the page should be colored and each section should have a different Color/ Background.
8. Demonstrate use of multimedia tags (Video & Audio) in HTML document.

CSS
9. Write HTML documents using Style Sheet for Inline, Internal and External types.

Javascript
10. Create a Calculator using JS.
11. WAP to display date and time using different JS date formats.

Beyond Syllabus
12. Create an XML document template to describe the result of student in an examination. The description should include the student's roll number, name, three subject names and marks, total marks, percentage, and result.

Teaching and Examination Scheme

Teaching Hours	Credits	Examination Marks			Internal Break-up			
		Internal	Practical	Total	Attendance	Performance of Practical	Lab. File	Viva-Voce
02	1.0	60	40	100	10*	30	10	10

*In proportion to the percentage of classes attended