

Branch Name:	Bachelor of Technology (INFORMATION TECHNOLOGY)
Program Code:	ET103
Course Title:	Web Programming Practical
Course Code:	2ET1030502P
Pre-requisite Course:	Basic knowledge of programming.

Course Objectives:

This course provides concepts and practical aspects in the development and implementation of Acquaint with the knowledge about various web technology tools. The course aims to explore detailed understanding of Awareness of industry standards.

Teaching and Examination Scheme:

Credit	Teaching Scheme Hours per week				Evaluation Scheme (Marks)								Total (Marks)
					Theory (Marks)				Practical (Marks)				
	L	T	P	Total	SEE		CCA		SEE		CCA		
					Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	
1			2	2					10	25	10	25	50

Course Contents:

Unit No	Topics	Total Hours	Weight age (%)
1	- Write HTML code for table tag with attribute. - Write HTML code for displaying image and demonstrate Hyper-link. - Write HTML code to attach a video on webpage using embed tag in html. - Create a feedback form using HTML code.	08	25
2	- Design HTML form with java script to perform following task: - To show “You Clicked Me” message when a user clicks on button “Click Me”. - Takes Integer number as input and tells whether the number is ODD or EVEN. - Takes two real numbers as input and perform arithmetic’s operation chosen by user from list of radio button. - Design HTML form with java script for registration purpose with following constraints: - Name accepts only alphabet character - Mobile Number with exactly 10 characters - Email Id in valid format - Display hint on mouse over the textbox	08	25
3	- Develop and demonstrate the usage of inline, internal and external style sheet using CSS Design a web page using CSS which includes the following - Define style for links as a: link, a: active, a: hover, a: visited - Use different font styles Control the repetition of image with background-repeat and no-repeat property - Write a code for creating static page design using division tag.	08	25
4	- Write a PHP script to display welcome message. - Write a php script to demonstrate use of arithmetic operators. - Write a php script to calculate total marks of student and display grade. - Create form using text box, check box, radio button, select submit button and display user inserted value in new php page. - Write a program to upload image with extension .gif, .jpeg and .png. - Design a web page in PHP which allows user to upload file with following restrictions.	08	25

	- Only “pdf” and “jpeg” file can be uploaded. - File size should not exceed 1000KB. • Write a program to read input data from table and hyperlink while displaying record and display that practical record on another page. • Write a program to manipulate data from table and display all this information using table format.		
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Reference Books:

1. HTML 5, Black Book, dreamtech Press
2. Internet and World Wide Web How to program, P.J. Deitel & H.M. Deitel, Pearson
3. Web Technologies, Black Book, dreamtech Press
4. Web Design, Joel Sklar, Cengage Learning
5. Developing Web Applications in PHP and AJAX, Harwani, McGrawHill
6. The Web Designer's 101 Most Important Decisions Professional Secrets for a Winning Website, Scott Parker, Paperback
7. Beginning Web Programming with Html, XHTML and CSS, Jon Duckett

List of Open-Source Software/learning website:

1. <http://nptel.ac.in/courses/106105084/>
2. <https://technicalsagar.in/web-technology/>
3. <https://www.w3schools.com>
4. <https://www.geeksforgeeks.org/web-technology> Course Learning Outcomes (CLO):

Course Outcomes	Description	Bloom's Taxonomy Level
COL1	After learning the course, the students will be able to understand the working of website and internet.	Understanding (3)
COL2	Using programming skill of HTML, Java Script, PHP and MySQL, Students will be able to develop a user interactive websites.	Understanding (1) Applying (2)
COL3	Using programming skill of cascading style sheet Students will be able to develop a user interactive websites.	Understanding (1)
COL4	The students will able to design of web pages according to client requirement and manage the content as improve the readability.	Understanding (1)

Mapping of CLO with PO and PSO

Course Learning Outcomes	Program Outcomes (POs)												Program Specific Outcomes(PSOs)			
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CLO1	H	M	M		M											
CLO2	H	M			M							L				
CLO3	H	M	M		M											
CLO4	M	M	M		M							L				
CLO5	M	M										L				

H: High, M: Medium, L: Low

Reference University:

1. GTU
2. Gitam University
3. Rastriy Raksha University
4. MRCET
5. APJ Abdul Kalam Technological University