UTKAL GOURAV MADHUSUDAN INSTITUTE OF TECHNOLOGY, RAYAGADA **Department of Electronics & Telecommunication Engineering** **Academic Lesson Plan for 3rd Semester - 2024 (Winter)** **Subject: C PROGRAMMING & WEB PAGE DESIGN LAB (Pr.1)** **Name of the teaching faculty- Sri Sisira Kumar Kapat, Lecturer(Comp. Appl.),**		
SEMESTERFROM **DATE:01/07/24**	**No. of periods per week: 4** **No.of weeks:15** **Total periods: 60**	**Sessional : 25 Marks** **End Semester Exam.: 25 Marks** **Total Marks: 50 Marks**

WEEK	CLASSDAY	THEORY/PRACTICALTOPICS
1ST	1ST	Basics of C Programming.
	2ND	To display our College name twenty times on screen (Manually).
	3RD	Looping Concept. (While, do-while, for loop)
	4TH	To display all even numbers from 1-100.
2ND	1ST	To perform addition of 1-100 numbers.
	2ND	Concept of Array (1-D array)
	3RD	To find smallest / largest number from array elements.
	4TH	To find smallest / largest number from array elements.
3RD	1ST	To find smallest / largest number from array elements.
	2ND	To sort array elements in ascending / descending order
	3RD	To sort array elements in ascending / descending order
	4TH	To sort array elements in ascending / descending order
4TH	1ST	Concept of Array (2-D array)
	2ND	To enter elements for 3X3 matrix and display them.
	3RD	To calculate addition / subtraction of 2 dimensional matrix.
	4TH	To calculate addition / subtraction of 2 dimensional matrix.
5TH	1ST	To calculate multiplication of 2 dimensional matrix.
	2ND	To calculate multiplication of 2 dimensional matrix.
	3RD	To calculate multiplication of 2 dimensional matrix.
	4TH	To demonstrate output of standard library functions Strlen(), strcpy(), strcat(), strcmp().
6TH	1ST	To demonstrate output of standard library functions Strlen(), strcpy(), strcat(), strcmp().
	2ND	To demonstrate output of standard library functions Strlen(), strcpy(), strcat(), strcmp().
	3RD	Concept of functions in C Programming. To calculate area of circle using function.
	4TH	Concept of functions in C Programming. To calculate area of circle using function.
7TH	1ST	Concept of functions in C Programming. To calculate area of circle using function.
	2ND	Concept of functions in C Programming. To calculate area of circle using function.
	3RD	Concept of recursion. To calculate factorial of any given number using recursion.
	4TH	Concept of recursion. To calculate factorial of any given number using recursion.
8TH	1ST	To demonstrate call by reference, call by value
	2ND	To demonstrate call by reference, call by value
	3RD	To maintain and manipulate student data using structure.
	4TH	To maintain and manipulate student data using structure.
9TH	1ST	To perform 4 arithmetic functions on pointers.
	2ND	To perform 4 arithmetic functions on pointers.
	3RD	To perform 4 arithmetic functions on pointers.
	4TH	To perform 4 arithmetic functions on pointers.

10TH	1ST	Browse different search engines and search different topics & Create an e-mail account & use attachment facility
	2ND	Concept of Webpage. Design a general webpage.
	3RD	Design multimedia page which includes Text, Audio, video, images, Animation
	4TH	Design multimedia page which includes Text, Audio, video, images, Animation
11TH	1ST	Design a general website & multimedia page which includes Text, Audio, video, images, Animation
	2ND	Design a general website & multimedia page which includes Text, Audio, video, images, Animation
	3RD	Design a general website & multimedia page which includes Text, Audio, video, images, Animation
	4TH	Upload the website on college server &load website on public internet.
12TH	1ST	Designs Web page and apply some block level tags and some text level tags &Include Horizontal Rules and special characters in a Web page.
	2ND	Designs Web page and apply some block level tags and some text level tags &Include Horizontal Rules and special characters in a Web page.
	3RD	Design Web page and include different lists & various links in a Web page & Include images with different alignments and wrapped text in Web page. Also include image as a link in the Web page.
	4TH	Design Web page and include different lists & various links in a Web page & Include images with different alignments and wrapped text in Web page. Also include image as a link in the Web page.
13TH	1ST	Design a web page and set background colour and document wide text colour.
	2ND	Design a web page and set background colour and document wide text colour.
	3RD	Design a web page with background image, different text colour for different Paragraphs, and set colors for links, active links and visited links.
	4TH	Design a web page with background image, different text colour for different Paragraphs, and set colors for links, active links and visited links.
14TH	1ST	Create HTML table, format contents in table cells and span the rows and columns.
	2ND	Create HTML table, format contents in table cells and span the rows and columns.
	3RD	Create basic frameset and format the frames within the frameset using different attributes. Also use frame targeting.
	4TH	Create basic frameset and format the frames within the frameset using different attributes. Also use frame targeting.
15TH	1ST	Create a basic form using different input controls and pull down menu.
	2ND	Create a basic form using different input controls and pull down menu.
	3RD	Submit a Project using C programming.
	4TH	Submit a complete website as a project.