	ITER, SIKSHA 'O' ANUSANDHAN **(Deemed to be University)**	**Assignment**

Branch	**CSIT**	Programme	**B.Tech**
Course Name	**Modern Web Development Workshop 2**	Semester	**4th**
Course Code	**CSE2192**	Academic Year	**2024-25**

ASSIGNMENT - 3

Submission due date:	**31/03/2025**

Learning Level (LL)	**L1**: Remembering	**L3:** Applying	**L5**: Evaluating
	L2: Understanding	**L4**: Analysing	**L6**: Creating

Q's	**Questions**	**COs**	**LL**
1	**Write a JavaScript Program to swap two numbers with or without using the third variable.**	**CO4**	**L3, L4, L5**
2.	**Write a JavaScript program to calculate the sum of first 1000 prime numbers and return them in an array and also print the sum.**	**CO4**	**L1, L3, L4, L5**
3.	**Write a JavaScript Function that will convert Celsius to Farhenheit.**	**CO4**	**L1, L3, L4, L5**
4.	**Write a JavaScript function that returns the fibonacci sequence up to a given number of terms.**	**CO4**	**L1, L3, L4, L5**
5.	**Write a JavaScript function that finds the second largest and second smallest number in an array of numbers.**	**CO4**	**L2, L3, L4, L5**
6.	**Write a JavaScript function that takes an array of numbers as input and returns a new array containing only the odd numbers.**	**CO4**	**L2, L3, L4, L5**

7	**Write a JavaScript program to check whether the given number is: Palindrome Number or Not.**	**CO4**	**L1, L3, L4, L5**
8	**Write a JavaScript program to check whether the given number is an Armstrong Number or Not.**	**CO4**	**L1, L3, L4, L5**
9	**Write a JavaScript program that prints numbers from 1 to 100. For multiples of 3, print "Fizz" instead of the number, and for multiples of 5, print "Buzz". For numbers which are multiples of both 3 and 5, print "FizzBuzz.**	**CO4**	**L2, L3, L4**
10	**Write a JavaScript program that functions as a simple calculator. The program should take two numbers and an arithmetic operator (such as +, -, *, /, or %) and perform the corresponding operation.**	**CO4**	**L2, L3, L4, L5**

Course Outcomes	By the end of the course, through lectures, readings, home works, assignments, andexams, students will be able to:	
	CO1	Understand the history of HTML page Layout and design with HTML 5 Structural tags
	CO2	Design the webpage with the use of multimedia as audio and video
	CO3	Apply knowledge of web page layouts with advanced CSS and make them responsive in the devices wherever using it.
	CO4	Design, develop, and Implement functionality of web pages by adding JavaScript and JQuery, Working with the frames and opening the linked windows Using JavaScript
	CO5	Understand the User Experience and design a responsive website for Everyone
	CO6	Apply the knowledge of publishing a website with taking advantage of the Server and Search Engines and SEO.