



## Department of Computer Science & Engineering

### Lesson Plan & Work-done Diary for AY: 2023-24, ODD Semester

Course with Code: Angular JS & Node JS [21CSL581]				Faculty:			Semester: V	
Class No.	Date planned (DD/MM)	Topics to be covered	TLP Planned	Class No.	Date of Conduction (DD/MM)	Topics Covered	TLP Executed	Remarks if any deviation
1		<p>A) Create a basic AngularJS application to understand the foundational concepts of AngularJS. You will set up a simple webpage and initialize AngularJS, showcasing how it enables dynamic content binding.</p> <p>B) ) Create a basic AngularJS application that demonstrates dynamic content binding through asimple to-do list.</p>	PPT + Chalk & Board					
2		<p>A) Create a basic AngularJS application to build a simple number calculator (build a calculator that can perform addition and subtraction)</p> <p>B) Create a simple web page that utilizes various AngularJS directives to enhance its functionality and create controllers to manage the application's behavior.</p>	PPT + Chalk & Board					
3		A simple AngularJS program that demonstrates basic filtering and searching in a "List of Countries" application.	PPT + Chalk & Board					



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4		Write a program that conditionally display different HTML content based on the value of a variable.	PPT + Chalk & Board					
5		Build a simple text transformation application that allows users to convert text to uppercase and lowercase	PPT + Chalk & Board					
6		Build a basic currency converter application that allows users to convert amounts from one currency to another using a simple exchange rate.	PPT + Chalk & Board					
7		Create a simple AngularJS application with a custom directive for displaying and interacting with a list of fruits	PPT + Chalk & Board					
8		A simple AngularJS program that demonstrates the basic CRUD (Create, Read, Update, Delete) operations using mock data.	PPT + Chalk & Board					



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9		A simple Node.js program that creates a basic HTTP server and responds with "Hello, Node.js!" when you access it through a web browser.	PPT + Chalk & Board					
10		Write a program which demonstrates the basic concept of building a web server with Node.js using Express.js.	PPT + Chalk & Board					
11		Write an application-oriented Node.js program that fetches data from a public API and displays it in your console.	PPT + Chalk & Board					
12		Write a simple program that illustrates the use of views and layouts in a Node.js application using the EJS templating engine.	PPT + Chalk & Board					
13		<b>LAB - IA</b>						



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	Activity	Planned	Actual	Remarks
1	Theory Classes / Lab Session	13		
2	Assignments/ Quizzes/ Self-study	-		
3	Tutorials/ Extra classes	-		
4	Internal Assessments	1		
5	ICT based Teaching (% of usage in Curriculum)	100%		
<b>Planning</b>			<b>Execution</b>	
<b>Faculty Signature:</b>			<b>Faculty Signature:</b>	
<b>HoD Signature:</b>			<b>HoD Signature:</b>	