Maharashtra State Board of Technical Education, Mumbai
LABORATORY PRACTICAL PLANNING

Academic Year: 2025-26 (EVEN)

Institute Code and Name: 0078- K K Wagh Polytechnic, Nashik **Semester: Sixth**

Programme and Code: Information Technology (IF) **Course Index: 604**

Course and Code: Client Side Scripting (CSS) **Course Code: 316005**

Scheme: K   **Allocated Hrs. 60**   **Name of Faculty: Mrs. N. S Gite**   **Class: TYIF (Param)**

COURSE LEVEL LEARNING OUTCOMES (COS)
- CO1 - Develop web page using client side scripting technology.
- CO2 - Design dynamic web pages using AngularJS.
- CO3 - Implement the built-in functions and objects in AngularJS.
- CO4 - Develop web application using React.
- CO5 - Apply event handling in React Framework

TEACHING-LEARNING & ASSESSMENT SCHEME

Course Code	Course Title	Abbr	Course Category	Actual Contact Hrs/Week CL	TL	LL	SLH	NLH	Credits	Paper Duration	Theory FA-TH Max	SA-TH Max	Total Max	Min	Based on LL & TSL Practical FA-PR Max	Min	SA-PR Max	Min	Based on SL SLA Max	Min	Total Marks
316005	Client Side Scripting	CSS	AEC	2	-	4	-	6	3	-	-	-	-	-	25	10	25@	10	-	-	50

Total IKS Hrs for Sem.: 0 Hrs

Abbreviations: CL- Classroom Learning , TL- Tutorial Learning, LL-Laboratory Learning, SLH-Self Learning Hours, NLH-Notional Learning Hours, FA - Formative Assessment, SA -Summative assessment, IKS - Indian Knowledge System, SLA - Self Learning Assessment Legends: @ Internal Assessment, # External Assessment, *# On Line Examination , @$ Internal Online Examination.

Sr. No.	LLO	Practical Title	Planned Date	Performance Date	Remarks	Related self-learning (if any)
1	LLO 1.1	* Write a program to display " Hello World " using: • Console.log() • document.write( ) • alert ()	A. 18/12/25 B. 16/12/25 C. 17/12/25	A. B. C.		
2	LLO 2.1	Write a program to display "Welcome " using Python script	A. 22/12/25 B. 23/12/25 C. 23/12/25	A. B. C.		
3	LLO 3.1	Create objects for the given problem with JSON	A. 29/12/25 B. 30/12/25 C. 30/12/25	A. B. C.		
4	LLO 4.1	1. Setup Angular development environment using: • Installation of Node.js and npm • Installation of Angular CLI 2. Write a program to display "Good Morning " Message on web page	A. 1/1/26 B. 5/1/26 C. 6/1/26	A. B. C.		
5	LLO 5.1	* Write AngularJS program to design form using various controls and apply validations on input	A. 8/1/26 B. 12/1/26 C. 7/1/26	A. B. C.		
6	LLO 6.1	* Write a program to display data model view and display data for given problem	A. 13/1/26 B. 13/1/26 C. 14/1/26	A. B. C.		

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Sr. No.	LLO	Practical Title	Planned Date	Performance Date	Remarks	Related self-learning (if any)
7	LLO 8.1	* Write a program to implement different filters in AngularJS	A. 15/1/26 B. 19/1/26 C. 20/1/26	A. B. C.		
8	LLO 9.1	* Write a program to implement different events in Angular JS	A. 20/1/26 B. 20/1/26 C. 21/1/26	A. B. C.		
9	LLO 10.1	Write a program displaying data in a table	A. 22/1/26 B. 27/1/26 C. 3/2/26	A. B. C.		
10	LLO 11.1	* Write a program to implement CSS to table data-odd and even rows	A. 2/2/26 B. 3/2/26 C. 10/2/26	A. B. C.		
11	LLO 12.1	* Write programs for implementation of different methods of AngularJS Controllers	A. 5/2/26 B. 9/2/26 C. 11/2/26	A. B. C.		
12	LLO 13.1	* Write programs to demonstrate use of controllers in external files	A. 12/2/26 B. 16/2/26 C. 17/2/26	A. B. C.		
13	LLO 14.1	* Write a program to handle data using React form	A. 16/2/26 B. 17/2/26 C. 24/2/26	A. B. C.		
14	LLO 16.1	* Write a program to pass function argument into React program and implement the life cycle of React	A. 23/2/26 B. 23/2/26 C. 25/2/26	A. B. C.		
15	LLO 17.1	* Write a program to implement states of React Hooks	A. 26/2/26 B. 24/2/26 C. 4/3/26	A. B. C.		
16	LLO 18.1	Write a program to design real time form using react components	A. 2/3/26 B. 2/3/26 C. 10/3/26	A. B. C.		
17	LLO 20.1	* Write a program to manipulate List using key and without key in React	A. 9/2/26 B. 10/3/26 C. 17/3/26	A. B. C.		
18	LLO 22.1	* Write a program to apply following approaches of css to a React web page : Inline styling, CSS stylesheets CSS Modules	A. 12/2/26 B. 16/3/26 C. 18/3/26	A. B. C.		
19	LLO 23.1	* The microproject has to be web based real time application suggested by teacher such as : Develop a web "Chat Application" having Chat window with send and recive the text,image etc. Develop a web "Music Player application" where user can get the Album with signer and play the music	A.16/3/26 B. 23/3/26 C. 24/3/26	A. B. C.		

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ASSESSMENT METHODOLOGIES/TOOLS

A. Formative assessment (Assessment for Learning) (FA-TH)

Continuous assessment based on process and product related performance indicators. Each practical will be assessed considering

-60% weightage to process

-40% weightage to product

B. Summative Assessment (Assessment of Learning) (SA-TH)

   End Semester Examination (Lab. performance), Viva-voce

Mrs. N. S. Gite   **Ms. M. S. Karande**

Name of Faculty   **HOD-IF**