



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
LESSONPLAN

Discipline: Computer Science & Engineering	Semester:5 th Winter/2025	Name of the Teaching Faculty: Suraj Kumar Bhujabal
Subject: WEB TECHNOLOGIES Theory-02	No. Of Days/Week:03	Start Date:01.07.2026 End Date:05.11.2026

Week	Class Day	Theory Topics
1st	1st	Unit-1: Introduction to www Protocols and programs, secure connections
	2nd	application and development tools
	3rd	the web browser, what is server
2nd	1st	setting up UNIX and LINUX web servers
	2nd	Logging users, dynamic IP Web Design
	3rd	Website design principles
3rd	1st	planning the site and navigation
	2nd	Class test
	3rd	UNIT-2: Web Systems Architecture Architecture of Web based systems- client/server (2-tier) architecture
4th	1st	3-Tier architecture
	2nd	Building blocks of fast and scalable data access Concepts - Caches- Proxies- Indexes-Load Balancers- Queues
	3rd	Web Application architecture (WAA)
5th	1st	UNIT-3: JavaScript: Client- s i d e scripting, what is JavaScript, simple JavaScript

13th	1st	PHP my admin and database bugs
	2nd	UNIT-6: Introduction to Modern Frameworks React
	3rd	Angular
14th	1st	Node JS
	2nd	Bootstrap
	3rd	Tailwind CSS
15th	1st	Class test
	2nd	Revision and Discussion of Question Answer.
	3rd	Revision and Discussion of Question Answer.

Susheel
Sign of faculty
22.06.2026

Sr. Lecturer
Dept. of Computer Science & Engg.
Sign of Sr. Lect.
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22/6/26
Sign of Principal