

LESSONPLAN
(PVPSIT/ACD/01)

Academic Year : 2026 – 2027
Year & Semester : IV B.Tech. & I Semester
Branch/Section : CSE Minors – ECE , EEE & ME
Subject : Full Stack Web Development Lab - 23CS5751
Regulation : PVP23
Name of Faculty : Mr. Michael Sadgun Rao Kona

COs	Course Outcomes	Cognitive Level
CO1	Apply web technologies to develop web applications	L3
CO2	Implement web applications as an individual on different IDEs	L3
CO3	Develop an effective report based on various programs implemented	L3
CO4	Apply technical knowledge for a given problem and express with an effective oral communication	L3
CO5	Analyze outputs of web based applications	L4

S.No.	Topic	CO level & Blooms Taxonomy Level	Teaching Mode BB/LCD	Hours Required	Total no. of Hours (Cumulative)	Actual Date of Completion	Review/ Remarks (By HOD)
1.	Exercise-1 Design static web sites with html tags text formatting tags, Image tags, Link tags and Table tags.	Experiment with heading, links, images, table tags in webpage design (CO1-CO5 - L3, L4)	LCD	3	3	4/7/2026	
2.	Exercise-1 Design a static web site with html form tag	Implement any project based on HTML fundamentals concepts (CO1-CO5 - L3, L4)	LCD	3	6	18/7/2026	

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3.	Exercise-2 Design web pages using different types of CSS.	Apply CSS (CO1-CO5 - L3, L4)	LCD	1	7	25/7/2026	
4.	Exercise-3 Apply Client side validations using JavaScript	Demonstrate events handling and java script objects (CO1-CO5 - L3, L4)	LCD	2	9	25/7/2026	
5.	Exercise-4 Create an XML file for student/employee/book data and validate against DTD	Implement XML (CO1-CO5 - L3, L4)	LCD	3	12	1/8/2026	
6.	Exercise-5 Develop different JDBC applications to interact with databases.	Implement any project based on JDBC statements (CO1-CO5 - L3, L4)	LCD	6	15	22/8/2026	
7.	Exercise-6 Create different web applications using servlets	Experiment with servlet programming (CO1-CO5 - L3, L4)	LCD	3	18	5/9/2026	
8.	Exercise-6 Create different web applications using servlets along with database	Apply servlet programming (CO1-CO5 - L3, L4)	LCD	3	21	19/9/2026	
9.	Exercise-7 Develop different web applications using JSP	Apply JSP concepts (CO1-CO5 - L3, L4)	LCD	3	24	26/9/2026	
10.	Exercise-8 Build web applications (case studies) based on the choice of student/faculty	Apply Action tags (CO1-CO5 - L3, L4)	LCD	3	27	3/10/2026	
11.	Lab Internal Exam			3	30	17/10/2026	
12.	Exercise-8 Build web applications (case studies) based on the choice of student/faculty	Apply Action tags (CO1-CO5 - L3, L4)	LCD	3	33	31/10/2026	

Signature of the Faculty
Date:

Signature of the HOD
Date: