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.	**Exercise-8** Build web applications (case studies) based on the choice of student/faculty	Apply Action tags (CO1-CO5 - L3, L4)	LCD	3	30	17/10/2026	
12.	**Lab Internal Exam**			3	33	31/10/2026	

Signature of the Faculty
Date:

Signature of the HOD
Date: