LESSON PLAN
(PVPSIT/ACD/01)

Academic Year : 2024 – 2025
Year & Semester : III B.Tech. / II Semester – Section – III
Branch : Computer Science & Engineering
Subject Name & Code : Mobile App Development - 20SA8651
Regulation : PVP-20
Name of Faculty : Mr. Michael Sadgun Rao Kona

COs	Course Outcomes	Cognitive Level	POs
CO1	Apply the basic of android to develop android applications	**L3**	**PO2**
CO2	Develop various applications as an individual or team	**L3**	**PO5,PO9**
CO3	Develop an effective report based on various programs implemented	**L3**	**PO10**
CO4	Apply technical knowledge for a given problem and express with an effective oral communication	**L3**	**PO9,PO11**
CO5	Analyze outputs generated using android application	**L4**	**PO3,PO6**

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** Build mobile application based on the concept activity life cycle with Custom Toast.	Implement Android Application using Activity Life Cycle (CO1-CO5 - L3, L4)		6	6		
2	**Exercise-2** Build mobile application using different layouts (use any 3 layouts)	Implement any project based on different layouts (CO1-CO5 - L3,L4)		6	12	27.12.2024	
3	**Exercise - 3** Build mobile application using different dialogs(use any 2 dialogs)	Implement any project based on dialogs (CO1-CO5 - L3, L4)		3	15		
4	**Exercise - 4** Build mobile application using RecyclerView	Demonstrate Android Application using RecyclerView(CO1-CO5 - L3, L4)		3	18		
5	**Exercise – 5** Build mobile application to switch from one activity to another using Intent.	Implement any project using Intents concepts (CO1-CO5 - L3, L4) (CO2-L3)		3	21	31.1.2025	

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PROCESS RECORD FOR ACADEMICS

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6	**Exercise - 6** Build mobile application to demonstrate Dynamic Fragments	Implement Dynamic Fragments (CO1-CO5 - L3, L4)		3	24		
7	**Exercise - 7** Build mobile application serverless database SQLite Database, Firebase (cloud-hosted database)	Implement any project based on serverless database SQLite Database, Firebase (CO1-CO5 - L3, L4)		6	30	21.02.2025, 28.02.2025	
8	**Exercise - 8** Build mobile application based on the Google Maps	Implement any project based on Google Maps (CO1-CO5 - L3, L4)		3	33		
9	**Exercise - 9** Build mobile application (case study) based on the choice of student/faculty	Implement any project (CO1-CO5 - L3, L4)	Flipped Class	6	39	21.03.2025	

Signature of the Faculty
Date:

Signature of the HOD
Date: