

LESSON PLAN
(PVPSIT/ACD/01)

Academic Year : 2024 – 2025
Year & Semester : III B.Tech. / II Semester – Section – I
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)		9	9		
2	Exercise-2 Build mobile application using different layouts (use any 3 layouts)	Implement any project based on different layouts (CO1-CO5 - L3,L4)		3	12	04.01.2025	
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	08.02.2025	

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6	Exercise - 6 Build mobile application to demonstrate Dynamic Fragments	Implement Dynamic Fragments (CO1-CO5 - L3, L4)		3	24	15.02.2025	
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		
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	22.03.2025	

Signature of the Faculty
Date:

Signature of the HOD
Date: