Lesson Plan

Name of Faculty : **Varsha Rani (AP, CSE)**
Discipline : **Computer Science and Engineering**
Sem : **7th(Odd)**
Subject : **Mobile Application Development Lab (CSE 406 P)**
LessonPlanDuration :**15weeks(fromAugust-December-2025)**
Workload (Lecture/Practical) per week (in hours): Lectures-03 hours

Week	Theory/Practical (Group-3rd/4th)	
	Practical Day	**Topics/Programs**
1st	1	Create "Hello word" application to display "Hello word" in the middle of screen in red color with white background
2nd	2	Create simple application with login module (Check username & password) validate it for login screen or alert the user with a Toast.
3rd	3	Create & validate a login application using username as Email Id else login button must remain disabled.
4th	4	Create a login application and open a browser with any one search engine
5th	5	Create an application to change screen color as per the user choice from the menu.
6th	6	Create a Background application that will open activity on specific time.
7th		
8th	7	Create spinner with strings from the resource folder. On changing spinner value, change image.
9th	8	Create an UI using the engineering branches, if user select a branch name, display the number of semesters and subject in each semester.
10th	9	Create an application that will create database to store username & password.
11th	10	Create an application to insert, update, delete Record from database.
12th	11	Create an application to call a phone number entered by the user in the Edit Text box.
13th	12	Use content provider and permission by implementing read phonebook contacts with content provider & display in list
14th		
15th	13	Viva Voice