

Lesson Plan

Name of Faculty : Sonam, Assistant Professor of CSE
 Department : Computer Science and Engineering
 Semester : 7th (Odd)
 Subject : Mobile Application Development Lab (CSE 406 P)
 Lesson Plan Duration : 15 weeks (from August-December-2022)
 Work Load (Lecture/Practical) per week (in hours): Lectures-04 hours (02hours of G-3rd & 02hours of G-4th)

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