

Lesson Plan

Name of Faculty : Varsha Rani, Assistant Professor
of CSE Discipline : Computer Science and Engineering
Semester : 7th (odd)
Subject : Mobile Application Development (CSE-406-T)
Lesson Plan Duration : 15 weeks (from August to December-2025)
Work Load (Lecture/Practical) per week (in hours): Lectures-03hours.

Week	Theory		Topic Covered Date and Remarks		
	Lecture Day	Topic (Including Assignment/Test)	Date	HOD	Director-Principal
1 st	1	Android , Blackberry OS Architecture			
	2	Firefox, IOS & Window OS Architecture.			
	3	ARM & MIPS Architecture.			
2 nd	4	Challenges of mobile platform, Hello android example, Internal details.			
	5	Dalvik VM, Software stack, Android core building blocks			
	6	Android Emulator, Android Manifest.xml, R. Java file			
3 rd	7	Title Bar, Screen orientation.			
	8	Working with button, Toast, Custom Toast			
	9	Button, Toggle Button, Switch Button, Image Button			
4 th	10	Assignment 1st			
	11	Check Box, Alert Dialogue, Spinner, Auto complete text view			
	12	Ranging bar, Date picker, Time Picker, Progress Bar			
5 th	13	Quick contact Budge, Analog clock & Digital Clock			
	14	Working with hardware button.			
	15	File Download			
6 th	16	Activity Lifecycle, Activity Example			
	17	Implicit Intent, Explicit Intent			
	18	Fragment lifecycle, Fragment example, Dynamic Fragment.			
7 th		1st Minor Test			
8 th	19	Option Menu, Context Menu			
	20	Popup Menu.			
	21	Relative Layout			
9 th	22	Linear Layout			
	23	Time Layout			
	24	Grid Layout.			
10 th	25	Assignment 2nd			
	26	Array Adaptor.			
	27	Array list Adaptor.			
11 th	28	Base Adaptor			
	29	Grid View, Web View.			
	30	Scroll View, Search View.			
12 th	31	Tab Host, Dynamic list view.			
	32	Expanded List View.			
	33	SQL Lite API			
13 th	34	SQL Lite spinner			
	35	SQL Lite List View.			
	36	XML Parsing SAX.			
14 th		2nd Minor Test			
15 th	37	XML Parsing DOM.			
	38	XML Pull Parser			
	39	ISON Basic, ISON Parsing..			