LessonPlan

Name ofFaculty : **Sonam,AssistantProfessorofCSE)**

Discipline : **ComputerScienceandEngineering**
Semester : **7th(odd)**
Subject : **Mobile Application Development (CSE-406-T)**
LessonPlanDuration : **15 weeks (from August to December-2023)**
WorkLoad(Lecture/Practical)perweek(inhours): Lectures-03hours.

Week	Theory	
	Lecture Day	**Topic(IncludingAssignment/Test)**
1st	1	Android , Blackberry OS Architecture
	2	Firefox, IOS & Window OS Architecture.
	3	ARM & MIPS Architecture.
2nd	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
3rd	7	Title Bar, Screen orientation.
	8	Working with button, Toast, Custom Toast
	9	Button, Toggle Button, Switch Button, Image Button
4th	10	**Assignment1st**
	11	Check Box, Alert Dialogue, Spinner, Auto complete text view
	12	Ranging bar, Date picker, Time Picker, Progress Bar
5th	13	Quick contact Budge, Analog clock & Digital Clock
	14	Working with hardware button.
	15	File Download
6th	16	Activity Lifecycle, Activity Example
	17	Implicit Intent, Explicit Intent
	18	Fragment lifecycle, Fragment example, Dynamic Fragment.
7th		
8th	19	Option Menu, Context Menu
	20	Popup Menu.
	21	Relative Layout
9th	22	Linear Layout
	23	Time Layout
	24	Grid Layout.
10th	25	**Assignment2nd**
	26	Array Adaptor.
	27	Array list Adaptor.
11th	28	Base Adaptor
	29	Grid View, Web View.
	30	Scroll View, Search View.
12th	31	Tab Host, Dynamic list view.
	32	Expanded List View.
	33	SQL Lite API
13th	34	SQL Lite spinner
	35	SQL Lite List View.
	36	XML Parsing SAX.
14th		
15th	37	XML Parsing DOM.
	38	XML Pull Parser
	39	ISON Basic, ISON Parsing..