

GOVERNMENT GIRLS POLYTECHNIC BILASPUR
DEPARTMENT OF COMPUTER SCIENCE
LESSON PLAN
Session Jan-June 2026

Session start date as per University Calendar-

Course Name : Mobile Application Development

Course Code : 2022674(22)

Name of Subject teacher : ASHA MIRI

Lecture plus Tutorial/Week : 3

LESSON PLAN		
SESSION Jan-June 2026		
Discipline : CSE		Class room Instruction Start Date :05/02/2026
		Semester : 6th
Chapter/Unit No./CO	Topics/Subtopics to be covered under this unit	No. of periods planned
Chapter-1 Android OS Concepts	Overview of Android (Open Platform for Mobile)	1
	Android Versions, Codename, and API	1
	Android Applications and Features	1
	Marketplaces of Android	1
	Android Development Environment Setup	1
	Android Development Framework (SDK, Emulators/AVD)	1
	Platform Architecture and Software Stack	1
Assignment-1		Given Date-
Chapter-2 Android Activity & UI Design	Application Components: Intent	1
	Activity Lifecycle and State Changes	
	Broadcast Receivers	1
	Services and Manifest File	1
	Creating Applications and New Activities	1
	Expressions and Flow Control	1
	Fundamental Android UI Design	1
	Layouts (Introducing and Creating)	
	Drawable Resources	1
Assignment-2		Given Date-
Chapter-3 Advanced UI Programming	Introduction to GUI Objects	1
	Supporting Multiple Screen Activities	
	Application Context	1
	Intent Web View	1
	Event-driven Programming (Text Edit, Button clicks, etc.)	1
	Creating a Splash Screen	1
	Introduction to Threads in Android	1

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Assignment-3	Given Date-	
Chapter-4 Toast, Menu, Dialog, List, and Adapters	Custom vs System Menus	1
	Handset Menu Button (Hardware)	1
	Android Themes and Dialogs	1
	Alter Dialogs	
	Toast in Android	1
	Lists and Adapters	1
	Android Manifest xml File	1
	Location-based Services	1
	Interface Development	1
	Indian IT Act 2000 and Amendments	
	Assignment-4	Given Date-
Chapter-5 Database and Security in Androids	Handling Data in Android Applications	1
	Messaging and Networking	
	Developing Android Services	1
	Object-Oriented Database (SQLite DB)	
	Database Operations: Open, Close, and Management	1
	Creation of .apk Files	
	Shared Preferences	1
	Android Application Security	1
	Debugging Methodologies and Re-testing	1
	Compliance Procedures for App Stores	1
	Functional and Security Testing Tools	1
	Publishing Android Applications	
Assignment-5	Given Date-	
Total		36

Class room Instruction End date:

Subject Teacher : Asha Miri


(Name and signature)