

**K.L.E Society's S Nijalingappa College**

**Department of Computer Science**

**Teaching plan for the Sixth Semester of the academic year 2024-2025**

**Name of the Staff: Mrs. Koteswari k, Ms. Preetha Sarathy P**

**VI Semester**

**Mobile Application Development**

**60 HRS**

<b>Sl. No</b>	<b>DATE</b>	<b>TOPICS COVERED</b>	<b>NO OF HRS</b>
1.	10/02/2025	<b>UNIT-1: Introduction</b> Brief History of mobile technologies	04
	11/02/2025	Different mobile technologies, Key Mobile Application Services	
	12/02/2025	Introducing Android, Android Versions, features of Android	
	13/02/2025	The Android Application Components	
2.	14/02/2025	Exploring the Development Environment,	04
	15/02/2025	Obtaining the Required Tools	
	17/02/2025	Obtaining the Required Tools	
	18/02/2025	Launching Your First Android Application	
3.	19/02/2025	Exploring the IDE	04
	20/02/2025	Debugging Your Application, Publishing Your Application	
	21/02/2025	Using Activities - Fragments and Intents in Android: Working with activities,	
	22/02/2025	Using Intents, Fragments,	
4.	24/02/2025	Using the Intent Object to Invoke Built-in Application	04
	25/02/2025	<b>Unit-2: Working with the User Interface Using views</b>	
	27/02/2025	Understanding the Components of a Screen	
	28/02/2025	Adapting to Display Orientation	
5.	01/03/2025	Managing Changes to Screen Orientation	04
	10/03/2025	Utilizing the Action Bar	
	11/03/2025	Creating the User Interface Programmatically Listening for UI Notification	
	12/03/2025	<b>Using Basic Views</b> -Using Picker Views	
6.	13/03/2025	Using List Views to Display Long Lists	04
	17/03/2025	Understanding Specialized Fragments	

	18/03/2025	Using Image Views to Display Pictures	
06	19/03/2025	Using Menus with Views Using Web View	
7.	20/03/2025	Saving and Loading User Preferences	04
	21/03/2025	Saving and Loading User Preferences	
	22/03/2025	Creating and Using Databases.	
	24/03/2025	Creating and Using Databases.	
8.	25/03/2025	Persisting Data to Files	04
	26/03/2025	Persisting Data to Files	
	01/04/2025	<b>UNIT-3: Designing User interface Designing by declaration,</b>	
	02/04/2025	creating the opening screen	
8.	03/04/2025	using alternate resources	04
	07/04/2025	using alternate resources	
	08/04/2025	implementing an about box	
	09/04/2025	applying a theme	
10.	11/04/2025	adding a menu	04
	16/04/2025	adding a menu	
	17/04/2025	adding settings	
	19/04/2025	debugging with log messages	
11.	21/04/2025	debugging with debugger	04
	22/04/2025	debugging with debugger	
	23/04/2025	<b>UNIT 4: Creating Your Own Content Providers, Using the Content Provider</b>	
	24/04/2025	SMS Messaging	
12.	25/04/2025	Sending Email-Displaying Maps	04
	28/04/2025	Getting Location Data	
	29/04/2025	Monitoring a Location	
	02/05/2025	Putting SQL to work Introducing SQLite	
13.	06/05/2025	In and out of SQLite, Hello Database	04
	07/05/2025	Creating your own services and Binding activities to Service	
	08/05/2025	Understanding Threads	
	13/05/2025	Local Data Storage in Android	

14.	15/05/2025	In and out of SQLite, Hello Database	04
	16/05/2025	Data Binding, using content provider	
	19/05/2025	Implementing content provider.	
	20/05/2025	Reading/writing local data, Accessing the Internal File system, Accessing the SD card. -Understanding Threading	
15.	21/05/2025	Preparing app for publishing, Deploying APK files	
	26/05/2025	Consuming Web Services Using HTTP	
	29/05/2025	Consuming JSON Services, Creating Your Own Services Binding Activities to Services	
	03/06/2025	uploading in Market	

**Co-Ordinator**

**Principal**