

# GANPAT UNIVERSITY

## U.V. PATEL COLLEGE OF ENGINEERING

### B.TECH SEM – V: SECOND INTERNAL SYLLABUS (OCTOBER-2023)

#### 2CEIT5PE5: MOBILE APPLICATION DEVELOPMENT

Unit	Content
4	<b>Defining your Application using the Android Manifest file:</b> Core files and Directories of the Android Application, What are the contents of the Android Manifest file? , How to edit the Android manifest file?, Registering Activities and Other in Application
5	<b>Managing Application Resources:</b> What Are Resources?, Storing Application Resources , Understanding the, Resource Directory Hierarchy, Resource Value Types, Setting Simple Resource Values Using Eclipse, Working with String, String Arrays, Boolean, Integer, Colours, Dimensions, Drawables, Images resources etc..., Working with Layouts, Using Layout Resources Programmatically
6	<b>Exploring User Interface Screen Elements:</b> Introducing the Android View, Android Control, Android Layout, Displaying Text to Users with Text View, Configuring Layout and Sizing, Using Buttons, Check Boxes, Radio Groups, spinner, Progress Bar
7	<b>Designing User Interfaces with Layouts:</b> Creating User Interfaces in Android, Creating Layouts Using XML Resources and Programmatically, ScrollView, GridView, ListView, Spinner
10	<b>Explore Google Map:</b> Feature of Google map, version of Google map APIs, integration of google map in android application
3, 8, 11	Service, AlarmManager, BroadcastReceiver, ListView, Notification, Custom DialogBox, AlertDialog, Animation: Frame by frame & tween animation, Resources, Permission in Manifest, Permissions in kotlin file of Activity, Use of TimePicker & DatePicker, Different Dialogboxes

**Note: It may include Theory and Practical Type of questions.**