II Year II Sem	ANDROID APPDEVELOPMENT	L	T	P	C
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Course code :24BC4SE3

Course Objectives:

- Understand how Android applications work ,theirlifecycle ,manifest ,Intents, and using external resources
- Design and develop useful Android applications with compelling user interfaces by using, extending, and creating your own layouts and Views and using Menus.
- Secure, tune, package ,and deploy Android applications
- Use Android's communication APIs for SMS ,telephony ,network management, and internet resources (HTTP).

Listo f Experiments:

1. a) Create an android application to display" welcome "TextMessage.
   b) Create an android application to display "welcome" Message by using Button.
2. Create an android application to call different activities by using Implicit and Explicit Intents.
3. Create an android application to select item from given list by using Auto Complete Text View (ACTV).
4. Create an android application to display dropped own menu items and pick one item by using Spinner Component.
5. Create an android application to display internals to raged at a using Array Adapter.
6. Create an android application to display internal storage data in vertical format by using Custom Adapter.
7. Create an android application to display Whats App video singr id view by using Custom Adapter.
8. Create an android application to display webpage by using Web view Component.
9. Create an android application to display different web pages in fragments by using Fragments Component.
10. Create an android application to store the data by using Shared Preferences.

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Subject Expert : 1 Dr. B Kezia Rani		Chairman Mr. A V S M Ganesh	
Subject Expert : 2 Dr. Suneel Kumar Duvvuri		Member Mr. G L N V S Kumar	
Representative From Industry Mr. Sai Krishna Narima		Member	

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11. Create an android application to demonstrate concept of SQLite Database Storage method.
12. Create an android application to perform different types of operations (Send SMS, Making call and sending email) by using Telephony app.
13. Write an android program to develop Media player application.
14. Write an android program to develop Audio Recording application.
15. Write an android program to develop Video Recording application.
16. CreateanandroidapplicationtogetlatitudeandlongitudevaluebyusingLocation Service.
17. Create an android application to get the notifications on Notification Bar byUsing Notification Service.
18. Create an android application to display available Wi-Fi devices and Paired Wi-Fidevices by using Wi-Fi Service.
19. Create an android application to get the Bluetooth devices and list of devices using Bluetooth and Vibrator Service.
20. Create an android application to display current location on Google maps by using Google-Maps Service.

Reference Books:

1. Android Application Development (with Kit Kat Support), Black Book, Pradeep Kothari.
2. Beginning Android 4Application Development, Wei-Meng Lee.
3. Android Application Development for Dummies ,MichaelBurton

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