

ANDROID SYLLABUS:

Fundamentals Of Android

- 1) OOPS Concept
- 2) SQL queries
- 3) Basics of Designing
- 4) Android Basics
 - 1.1. Installing Android Studio
 - 1.2. Creating an Android app project
 - 1.3. Deploying the app to an emulator and a device
 - 1.4. Layouts, Views and Resources
 - 1.5. Text and Scrolling views (working with TextView Elements)
- 5) PHP and HTML basics

Learning the Language(Java)

1. Classes and Object
2. Encapsulation
3. Constructors
4. Inheritance
5. Method Overriding
6. Polymorphism
7. Abstract method and classes
8. Interface and Packages
9. Exception Handling
10. Multitasking and Multithreading
11. Synchronization

Android OS

1. Activities and Intents
2. Activity Lifecycle and Saving State
3. Activities and Implicit Intents

4. Debugging Your App
5. Testing Your App
6. User Input Controls
7. Menus
8. Screen Navigation
9. RecyclerView
10. Delightful User Experience
 - 10.1. Drawable, Themes and Styles
 - 10.2. Material design
 - 10.3. Supporting landscape, multiple screen sizes
11. AsyncTask and AsyncTaskLoader
12. Broadcast receivers
13. Notifications
14. Transferring data efficiently

Database Connectivity

1. SQLite Data Types
2. Adding, Updating and Deleting Content using SQLite Database
3. Working with MySQL