

Student Level

Schedule 1 :

- Introduction to Android Technology and Architecture
- Android Studio basics
- Android Project Structure explanation and emulator
- About Android 4 components and Building Blocks.
- Android Layouts and UI Control.

Schedule 2:

- Activity LifeCycle
- Android Samples Projects:
- Simple Registration and login app
- Sample Listview,RecyclerView With Adapters
- Usage of Layouts in .xml ui design
- Sample on Types OF Intents
- Intro about material design introduced ui components and coding
Ex:Cardview, Coordinator LAYout ,FAB,AppCompat UI elements etc
- Creating and using Resources (jpeg and vectors) for multiple resolutions
- Assignments

Schedule 3

- App on Fragments (Fragment lifecycle)
- App on Google Maps,Location services,Google places addons
- Broadcast Receivers and Services Ex:SMS receiver etc
- App with Rest API integration and Json Parser with freeware api support
- Intro about Animations and Graphics (optional)
- Assignments

Schedule 4

- Android SAmple app about SQLITE database
- Material Design programming in detailed.

Above topics per schedule will be truncated according to number of days for training and student requirements.

