

**UNIT I****Chapter 1 : Android and It's Tools 1-1 to 1-7****Syllabus :**

- 1.1 Introduction to Android, open handset alliance, Android Ecosystem.
- 1.2 Need of Android, Features of Android
- 1.3 Tools and software required for developing an Android Application
- 1.4 Android Architecture

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- 2.2 Android Development Tools(ADT)
- 2.3 Android Virtual Devices(AVDs)
- 2.4 Emulators
- 2.5 Dalvik Virtual Machine, Difference between JVM and DVM
- 2.6 Steps to install and configure Android Studio and SDK

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- 5.3 Content Provider; Fragments
- 5.4 Service: Features Of service, Android platform service, Defining new service, Service Lifecycle, Permission, example of service
- 5.5 Android System Architecture, Multimedia framework, Play Audio and Video, Text to speech, Sensors, Async tasks
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