

Syllabus of Android

- **Android Introduction**
 - Introduction
 - Android History
 - Android Versions
 - Android OS Market Share
 - Need of Android
 - Execution in Android
 - Drawback
 - Drawback Removed by Android
 - What you should know
 - Open Handset Alliance
- **Android Architecture**
 - Linux Kernel
 - Android Runtime
 - Virtual Maching
 - Process Virtual Machine
 - Dalvik Virtual Machine
 - Library
 - Application Framework
 - Application
- **Application of Android**
 - Android Feature
 - Future Scope
 - Google Play
- **Android Software Development Kit**
 - System Requirements
 - Eclipse and SDK installation
 - AVD Manager
 - Installing AVD Plugin
 - Creating and starting AVD

- [Android Components](#)
 - [User Interface Components](#)
 - [Activity](#)
 - Life Cycle of Activity
 - Context
 - Manifest File
 - Layout
 - Views
 - Widgets(GUI Components)
 - Fragments
 - [Android Other Components](#)
 - [Intent](#)
 - Implicit Intent
 - Explicit Intent
 - Services
 - Broad Cast Receiver
 - Content Provider
- [Creating Android Application](#)
- [Resources](#)
 - Reference to Resource in Code
 - Reference to Resource in XML File
 - Assets
- [DDMS Perspective and Important Views](#)
 - DDMS Dalvik Debug Monitor Server
 - Logcat View
 - File Explorer
- [Database Handling](#)
 - SQLite Database Introduction
 - Database Connectivity
- [Sending SMS in android](#)
- [Sending Email in Android](#)
- [Playing Sound in Android](#)

- Sound Pool
 - Media Player
- Toast
- Notifications
- Make a Phone Call in Android
- Turn off/on Camera in Android
- Android Application Deployment
 - Deployment Via Android Studio
 - Deployment Via Eclipse
 - Deployment Via External Source