

Vasavi College of Engineering

Ibrahimbagh -31

Department of Computer Science and Engineering

A Report on 2 Day Student Training Program on “Android” Organized on Sept 21st & 23rd, 2013

(Conducted Under TEQIP-II)

A 2 day Student Training Program on “Android” was organized on under TEQIP –II for the student audiences of BE 2/4 CSE on Sept 21th & 23rd, 2013 in CSE labs, at Vasavi College Campus.

The sessions were delivered by Mr. Rajini Kumar & Mr. Sujith from Coign Edu & IT Services Pvt. Ltd.

The Objectives of the Student Training Program were to

- To acquaint the students with the essentials of Android Programming
- To acquaint the students with Android Architecture Framework required to develop an Mobile Applications
- To mentor students project on Android and Assist them to publish Apps on Google Play Store.

Day -1 , Session -1

Speakers have started sessions with brief introduction to the Android OS.

What is Android?

It is a linux based operating system and designed primarily for touch screen devices such as smart phones & tablet computer. The discussed moved on with Android Architecture Framework and its life cycle. Basically Android frame work is a stack of software components which is roughly divided into five sections as follows

Linux Kernel, Libraries, Android Runtime , Application framework, Applications.

In later part of the session speaker has discussed about Android Software Development Kit (SDK). It basically includes a

comprehensive set of Development Tools. These include a Debugger, Libraries, a Hand set, Emulator based on QEMU, Documentation, Sample Code, and Tutorials.

The officially supported integrated Development environment (IDE) is Eclipse.

Day-1 Session-2

Form creation in Android Mobile and working of Activity Layout Dialog Notification were discussed during the session.



Day-2, Session-1

The session was focused on Widgets and Action events. Event, Delegation Model Navigations, representation of data in Simple List and Expandable lists. Interaction of database through SQLite.

Day-2, Session-2

During this part of the session speakers were more inclined towards discussion of Kind of application built with SQL Lite ,Google Maps, Android Media , Content Management --> Contact Retrieval, --> Calling via Emulator --> storing contacts via Application.