

Vasavi College of Engineering

Ibrahimbagh -31

Department of Computer Science & Engineering

A Report on Guest lecture on “**Mobile Application Development**” conducted on Sept 23rd, 2013

(Conducted under Co-curricular Activity)

A Guest Lecture on **Mobile Application development**” was delivered by Mr. M. Chandra Shekar Reddy, Program Manager, TCS for the students of BE 3/4 CSE on Sept 23rd, 2013.

The objectives of session were to

- To enlighten the students with distinctions between desktop Apps and Mobile Apps.
- To enlighten with depth and breadth of Mobile Apps Development

Speaker Mr. M. Chandra Shekar has started off the session by discussing the wide use of Smart Phones by people to satisfy their diverse purposes which includes sending of emails for business purposes, playing online games, accessing the cricket update and any other updates.

It has also been witnessed that smart phone usage has drastically increased.

The Speaker has taken forward the session with discussion of Evolution of Smart Phones , its Trends & Implications of Mobile Web Computing.

He has emphasized more on conveying difference between the design of Desktop Apps & Mobile Apps and Important guidelines for development of Apps for Smart phone.

Different types of Mobile Apps which includes Native Apps, Hybrid Apps etc... with more emphasis on Mobile Client Architecture in Hybrid Apps were clearly narrated to students.

Mobile application Architecture, Mobile test methodologies & test life cycle were also covered during the session by the speaker.

As per narrations of speaker statistics on mobile OS market share for the year 2006 - 2016 was also shared with the students.

He encouraged students to inculcate Coding skills for developing effective Mobile Apps. Mobile web UI Frameworks like jquery mobile, JQ Touch, iwebkit etc have also been discussed.

New technology called **PhoneGap Framework**, which is an open source framework for building cross platform mobile applications with javaScript. The Speaker gave an insight how **PhoneGap** works with its API's.

Speaker concluded session after demonstrated one of his previous projects as sample App for Insurance industry –iAgent. Key benefits of iAgent were discussed.