

# Vasavi College of Engineering

## Department Of Computer Science And Engineering

A Report on a Seminar on "Mobile Technology & Black Berry App Development"  
conducted on Sept 25<sup>th</sup>, 2012

A seminar on "Mobile Technology & Blackberry App Development " was delivered by Mr. Kiran & Mr. Chaitanya, software developers at Verudix solutions inc, on Sept 25<sup>th</sup>, 2012 for the target audience of BE 2/4 CSE A & B.

The main objective of the seminar were to communicate the importance of mobile technology and to educate how to develop an app for Blackberry.

Mr. Kiran has started off the session by narrating the evolution of mobile technology and its developments in the recent years. Followed by an in detail discussion on wireless communication and its evolution from 1G to 4G.

Speaker Mr. Kiran has narrated many facts during the session but the most fascinating fact was that the 87% of the total world's population today carry mobile phones to communicate with one another. 40% of total mobile users are below poverty line user.

Speaker Mr. Kiran has amazed our student audience by conveying the

importance of basic programming languages which includes C,C++,Java etc... and he has also acknowledged that Google Android and Apple ,Samsung Bada, the top mobile market players extensively use C,C++,objective C, Core Java, java Flash to develop simple to complex Apps of kinds.

Mr. Chaitanya has taken up the other part of the session by discussing technical aspects for an App development. The speaker Mr. Chaitanya has discussed step by step approach to develop an app for Blackberry using C++.

The speakers have concluded the session by asking our students to develop an app for simple Sudoku numbers arrangement game.

The speakers have also disclosed that best app developer would be given an opportunity to experience how an App development committee would coordinate in order to develop an App at Verudix solutions inc.

### Different Standards Used in Different Generations of Mobile Technologies

1G	2G	3G
1. Paging systems 2. Cordless telephone (CTO, CTI) 3. Cordless telephone cell 4. Private mobile radio 5. Cellular systems (NMT, AMPS, etc) 6. Mobile satellite systems (INMARSAT)	1. Paging systems 2. Cordless telephone (DECT, PACS) 3. WLL 4. Private mobile radio (TETRA) 5. Cellular systems (GSM, D-AMPS, PDC, IS-95) 6. Mobile satellite systems (IRIDIUM, ICO, GLOBALSTAR)	1. Single standard under IMT-2000, UMTS, MC-CDMA, TD-SCDMA