

Workshop on “Development of Mobile Application using Android”

7th & 8th April 2012



Sponsored By

Gujarat Technological University

Organized

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**G H Patel College of Engineering
& Technology**

In Association with

Dev IT Solutions



Computer Engineering Department of **G H Patel College of Engineering & Technology** has organized **Gujarat Technological University** sponsored two days workshop on “**Development of Mobile Application using Android**” in association with Dev IT solutions on 7th and 8th April 2012. The workshop was aimed to ignite the students to take up mobile application development using Android environment. Almost 100 students and Faculty members from various Engineering colleges affiliated to GTU across the state have participated in the workshop.



The workshop started with inaugural function at 9:30 AM. Inaugural session was begun with Prayer by the students of G H Patel College of Engineering & Technology (GCET). **Prof. Hetal Gaudani**, the Program Coordinator gave an introductory speech and shared few words on the objectives of the workshop with participants. In her inaugural speech she welcomed Mr. Utpal Betai, Senior Developer at Dev IT Solutions, Dr. Himanshu Soni, Principal, GCET, Prof. Maulika S. Patel, Head of Computer Engineering Department,

students and Faculty members from various colleges to this special workshop. **Dr. Himanshu Soni** motivated the students to participate in such kind of events and he also shared his views on importance of technical activities in development of student carrier. **Prof. Maulika S Patel**, Head of Department of Computer Engineering gave a brief introduction of the Computer Engineering Department. She emphasized on acquiring knowledge over and above the syllabus by attending such workshops and seminars. She thanked Dr. Akshai Aggarwal, Vice Chancellor, Gujarat Technological University, for providing necessary support to the Department to host the workshop.



The morning session started at 10.00 AM by Mr. Utpal Betai. He started with introduction of open source android platform. He explained the software architecture layer and android application architecture to the participants. He discussed different widget and layouts used in android application. He also explained different types of intents, activities and services.



The afternoon hands-on session started at 1.30 PM where the students were familiarized with how to develop an android mobile application using Eclipse IDE. The main purpose of the hands on session was to create self reliant students who are confident to build their own android-mobile applications. The students tried various demo programs provided by Mr. Utpal Betai and his team and also developed their own android application.

On the next day session Mr Betai explained the Storage, Retrieval, and Sharing of data in android application. He explained map-based Activities using Google Maps as a User Interface element. Student developed small application for the same area in post lunch session.



At the end of workshop, material containing software such as the Eclipse IDE, Android SDK, PPT,



EBooks, demo programs was given to each student. The workshop was a great success and very well received by the participants. The Android Application Development workshop came to an end by presenting a memento to Mr. Utpal Betail and his team members. We are thankful to Dev IT solutions for their technical support.

Vice Chancellor, Gujarat Technological University, **Dr. Akshai Aggrawal**, has been the driving force behind this whole process. Due to his vision and interest, the

workshop became possible and was a great success. We are again thankful to Gujarat Technological University for sponsoring the workshop.

