GTU Board for Mobile Computing and Wireless Technologies

Mobile Application Development using Android
<u>Workshop Summary Report</u>

GTU organized a Two-day workshop on *"Mobile Application Development using Android"* at **Shankersinh Vaghela Bapu Institute of Technology, Gandhinagar** . The aim of the workshop is to develop practical skills in mobile computing & give hands-on exposure to development tools which are abuzz in industry and give the students edge over them which could be helpful for them in their future endeavor.

<u>Day 1 – 31st March</u>

<u>Inauguration Session</u>

The event started in benign presence of Management and the Director of Bapu Gujarat Knowledge Village, Gandhinagar.

The participant's morale was boosted by the invigorating speech by the Director, Dr. G. Ojha, followed after the lamp lighting ceremony.
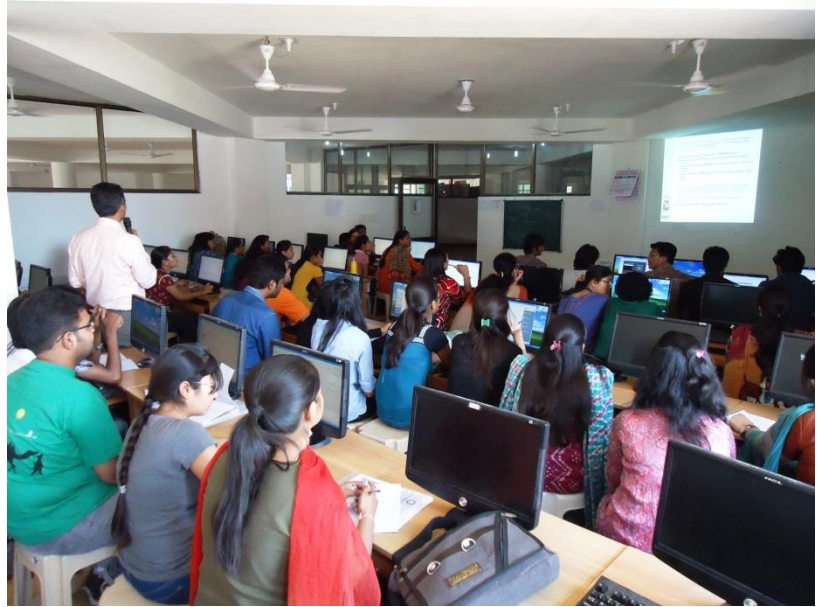

<u>Introductory Session</u>

The session started on high note with speaker, **Uttpal Betai,** from DEV IT Solutions. The participants were introduced to the Open Hardware Alliance (OHA).

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Hands-on Session 1

Andriod SDK: Each of the participants was provided with individual computer to perform the development task. Apart from the speaker, there were four other Professional Android Developers from DEV IT Solutions assisting the students / faculties. They were exposed to basics of Java based programming and how they can transform that knowledge to make simple android based application or simply APK.

Hands-on Session 2: "Hello, Android" tutorial was performed by everyone. Four Application Components of Android were introduced and other basic applications development started.

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Day2 – 1st April

Morning Session:

Advanced concepts like Event driven Application development and Database connectivity was the focus of the day.

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Noon Session

Internet based application development and Google Maps API were introduced in the session.

Evening Session

An Interactive Session with students was conducted and their ideas for new application developments were discussed in groups of two or three.

Valedictory Session

The workshop was concluded with felicitating Mr. Uttpal Betai from DEV IT Solutions, Ahmedabad.

Student feedback was also taken and their interest was considered for another workshop on **"ROBOTICS WITH ANDROID"** to be conducted in summer vacation with more hands-on experience with ARDUINO development Kits.

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With enormous thanks to android workshop team specially Mr. Jaideepsinh Vaghela for the smooth conduct of the events and making it as a feather in Bapu Gujarat Knowledge Village's cap.

Workshop Coordinator:

Mr. Chintan Shah

Mr. Bhavesh Jaiswal

With special thanks to GTU for initiating the idea of the Workshop and for providing full support.