Report of "Modern Wireless Communication Technology with the Application of the Teaching of the University" Seminar

July 8th, 2013

Sukhothai Thammathirat Open University

1. **Name** _____Kodchakorn_____ **Surname** ___Na Nakornphanom___

   Position _____Lecturer_____ **Rank** ___-___

   School ___Science and Technology___ **Phone** ___8193___

   Name _____Poom_____ **Surname** ___Juasiripukdee___

   Position _____Lecturer_____ **Rank** ___-___

   School ___Science and Technology___ **Phone** ___8193___

   Attended Modern Wireless Communication Technology with the Application of the Teaching of the University Seminar on July 8th, 2013 At Room 2604, Sukhothai Thammathirat Open University

2. **Speaker:**

   Assistant Professor Chirasil Chayawan, Ph.d.

   Graduation School of Management and Innovation

   King Mongkut's University of Technology Thonburi

   Main Content:

   The basic communication consists of two parts which are sources and destinations. Sources are ones who initiate messages in the process. Destinations are ones who are given messages in the process. There are five processes among sources and destinations. Firstly, encoders are devices that are used to convert the messages into clusters of code. Secondly, transmitters are devices that are used to transform energy into another form of energy. Thirdly, channels are paths that let energy travel along by wireline or wireless. The convergences of technology are composed of functional, economical, geographical and

political. Fourthly, receivers are used to receive signals from channels. Lastly, decoders are devices which are used to convert the signals into readable or understandable messages.

Trends of mobile technology evolution started from first to fourth generation technology. The evolution started from converting analog signal to digital signal. Then, speed rate of data transfer has been increasing from 14.4 kbps to 100 Mbps up. Along the path of the evolution, there are some devices which are designed to serve the demand of technologies' using such as Bluetooth, Radio frequency identification, Zigbee and so on.

In the present, internet users in the world are rapidly increasing according to the Internet World Stats. Around 92.2 percentages of the internet users are using Facebook. In education, wireless technology for education is introduced with Mobile Learning. Mobile Learning or M-Learning, is instruction package for instructors, is a technology that can be communicated using wireless telecommunication network and internet technology, can be used without line, helps instructors and students to communicate or interactive remotely, and is E-learning that students may use laptop to be a part of D-learning. M-Learning consists of 4 categories; blended learning, global learning, online learning and mentored learning.

Conclusion:

In the present, the number of technologies' users is increasing. The technologies which have effective influence to the distance education are internet. In this seminar, there are two significant factors to change behavior of students. Firstly, M-learning is a tool that helps instructors and students to interact with others. Secondly, social network is a stuff that let students to feel free, amplify their passion, cut down on isolation and so on.

Comment:

There are several methods that instructors can help students in order to increase the knowledge of students for every subject by using M-Learning. Instructors and students can communicate along the availability of fourth generation technology. Instructors can access and transport content to his/her courses at any time and also can give a mobile videoconference to expand the domain of learning. Students can access and transport content to his/her courses at any time. This incident takes place out of the way of traditional education context. In addition, students can communicate for educational purposes among students.