

## **STUDY IEEE 802.11a STANDAR**

**Lê Minh Quân**

QH-2007-I/CQ course, Faculty of electronics and telecommunication technology.

### **Summary of graduating essay :**

Nowadays, powerful development of multimedia application and wireless technology show that there are some outstanding solutions such as information speed, bandwidth, security and usage of network resource effectively. Content of essay concentrates on 802.11a standar, one of standars of IEEE ( Institute of electric and electronic engineering) estanblished in 1999. IEEE 802.11a played a vital role in Wireless network structure in set up communication protocol among wireless components for exemple portable, mobile, hand held components...etc. Essay contains three chapters

Chapter 1: overview WLAN (wireless local areas network) and the role of standar IEEE 802.11 for WLAN.

Chapter 2: Features and structure of 802.11a standar.

Chapter 3: Simulation of PHY layer following 802.11a standar.

**Key word: WLAN, IEEE 802.11a.**