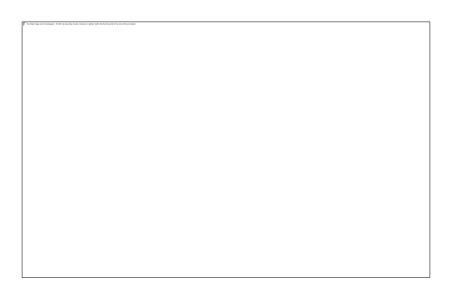# A Special MOET University Scientific Research Project is awarded to DTU

On 26th July, 2011, the MOET officially published the official list of organizations and individuals that will implement Science & Technology research projects at the Ministry Level in 2012. Among the 143 projects, DTU was specially selected by MOET to conduct one entitled: ***"Researching and Developing Security Control Systems using Multi-Biometric Identification Technology and Radio Frequency Identification (RFID), Based on Embedded Systems".*** The project will be supervised by Dr. Le Nguyen Bao.

Mr. Nguyen Gia Nhu – Deputy Dean of the DTU Graduate School

Mr. Nguyen Gia Nhu, a member of the project, said: *"This project was not previously on in DTU's scientific project list, although we this is our strength in conducting scientific research. Under the supervisor of Dr. Le Nguyen Bao, DTU Vice Rector, we are determined to implement the project according to the MOET guidelines. It makes us very proud to win this opportunity when competing with other leading national universities specializing the field of Information Technology training and research".*

There were 30 projects selected for implementation in 2012. Most of them are leading Vietnamese universities, including the National University of Economics, Hanoi Polytechnic University, Hue University and Can Tho University. Duy Tan University was the only private university to be selected by MOET, proving that DTU's entire staff is making a remarkable effort to improve the quality of teaching and scientific research.

Some information on the research project:

Together with vocal communication, visual information plays an important role in identity verification. As a result, pictures and graphics have be been integrated to process information for several years now in other countries. Combining image and graphics identification data, with its attractive features and advantages, has proven to be more proficient than other similar I/T solutions.

One approach to solve the problem of identification recognition is the use multi-biometric smart-cards. Since 1998, Federal buildings in Washington D.C. have issued PIV cards with digital fingerprints recorded on them. According to the National Institute of Standards and Technology in the USA, using PIV cards to identify biometrics is very fast, efficient and safe. On entering a secure building, people insert their PIV cards into a machine and position their finger in the scanner.

In Vietnam, automatic security systems have made significant progress. The implementation of multi-biometric identification and radio frequency identification (RFID) technologies, based on embedded systems will bring added benefits as security issues become more important here.

(Media Center)