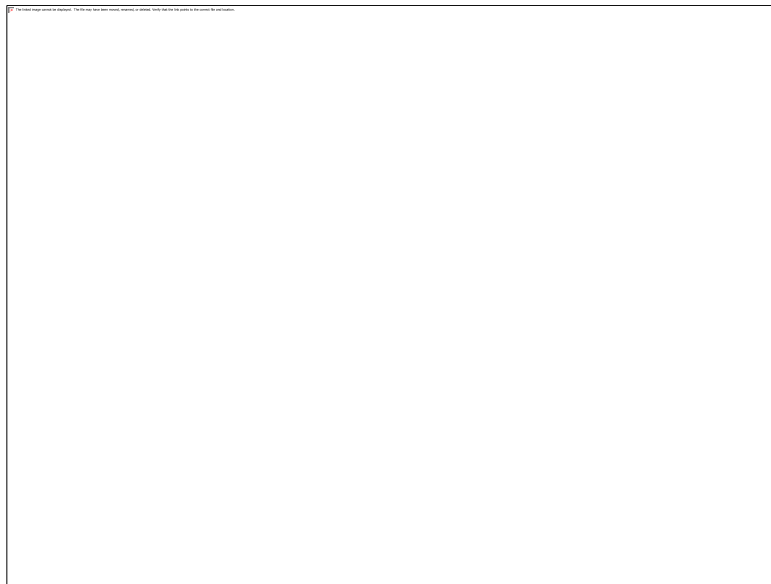


The Development in Information Technology at DTU

DTU is widely renowned for its strong advancement in the field of Information Technology. The DTU Board planned a strategy to provide leading-edge IT education and research and take the responsibility of providing highly skilled graduates to meet the stringent demands of local businesses and use their expertise in the socio-economic development of Vietnam.

Internal Strengths

Since its inception, in response to the Information Technology revolution, DTU has planned that IT should be one of its major disciplines. DTU and Carnegie Mellon University (CMU), one of the four leading American IT universities, signed an agreement for the licensing of advanced IT programs to DTU. DTU has also been collaborating on many IT projects with several other universities and institutes and has organized and hosted national and international contests and conferences.



DTU is awarded a Certificate of Merit for hosting the 22nd Informatics Olympiad

IT software applications have greatly enhanced the efficiency at DTU. E-mail, registration, e-learning, library and tuition systems help optimize the relationship between instructors and students. Much IT research and development has been being conducted at DTU, including mobile application systems, large-scale calculation and archiving systems, geographic information systems (GIS), and so on. In addition, 3D graphics systems have also recently been developed at DTU. Using 3D, a variety of projects to strengthen multiple disciplines have been conducted, such as a miniature 3D representations of Van Mieu Quoc Tu Giam and the My Son Holy Land. This will allow foreign visitors to learn more about Vietnam. A skeletal muscle model and a circulatory system has also been built, as well as a 3D documentary about the air war in North Vietnam between the Vietnamese Air Force and American Air-Naval Force from 1965 to 1972.

Dr. Le Nguyen Bao, DTU Vice-Provost, said: *"3D technology is an IT tool that now being used in the fields of medicine, pharmaceuticals, tourism, environmental studies, electronics and humanities and social science at DTU."*

DTU - A Renowned Brand

Now recognized as a trustworthy local leader in the field of IT, DTU has played host too many IT conferences and competitions and reaped significant rewards in 2013.



Participants pose for photos at the 16th National IT Conference

November 14th was an important date for DTU, when it became the first private university to host the 16th National IT Conference, entitled "Selected Problems about IT and Telecommunications". There were more than three hundred participants, including ten experts from the US, Sweden and Japan. The conference was attended by Mr. Phung Tan Viet, the Danang People's Committee Vice-Chairman, who said: *"Since its establishment, DTU has made remarkable progress, especially in enhancing international collaboration to improve the quality of education. DTU has become a prestigious provider of a well-qualified IT labor force in the Central Region. This conference provides an excellent way of finding practical solutions to promote IT and overcome the wide-ranging challenges of network security."*

DTU also hosted two other important competitions in late November 2013. These were the 22nd Olympiad in Informatics for Vietnamese students and the 38th ACM International Collegiate Programming Contest (ACM/ICPC). Competing with students from 71 universities and colleges nationwide, and 11 well-known universities from Japan, China, Korea, Thailand, Taiwan, Hong Kong and Indonesia, the high-spirited, innovative teams of DTU students reaped several major awards, including two second-place prizes, four third and two consolation prizes.

The organizers also awarded a second prize (the highest in the contest) to DTU in the Programming Open-Source Software Applications contest, for the MHST13-14 project. Mr. Truong Tien Vu, Dean of the DTU IT Faculty, said: *"Winning top prizes is a deserved reward for our DTU students as they have performed very well and overcome fourteen teams in the preliminaries and finished in the top three in the finals. The MHST13-14 project has both technical and social significance. We have already received some offers to cooperate with local businesses to*

develop this project further. I believe that, with support from DTU and the VFOSSA business community, the MHST13-14 project will be expanded and put into practice, especially in technological and educational applications.”

Recently, the organizers of the IX National Renovation contest for Teenagers presented first-place award to Nguyen Tran Viet Chuong, a student of DTU K19CMU-TMT, for his computer management software.

Significant achievements such as these have justified the sustained development in IT at DTU. Our faculty and students will continue to make remarkable contributions to the socio-economic development of our country, now and in the near future.

(Board of Website Editors)