

**Vietnam National University – Ho Chi Minh city
University of Science**

Faculty of Information Technology



 www.fit.hcmus.edu.vn/en
 info@fit.hcmus.edu.vn

Universities in Vietnam

- Two national universities
 - Vietnam National University, Hanoi (VNU)
 - Vietnam National University, Hochiminh City** (VNU-HCMC or HCMC VNU)
- Many other universities
- HCMC VNU (<http://en.vnuhcm.edu.vn/>) contains many *universities* (“sub-universities”) and institutes, schools, faculties:
 - University of Science**
 - University of Technology
 - University of Information Technology
 - etc...

University of Science (HCMUS)

Schools in University of Science:

- School of Mathematics
- **School of Information Technology (FIT* - HCMUS)**
- School of Physics, etc...

* We usually use “***school***” and “***faculty***” the same meaning

* FIT (my school) means “***Faculty of Information Technology***”



Faculty of Information Technology

- One of the earliest seven national key Faculties of Information Technology
- Founded in February 1995 from the Computer Science Department, Faculty of Mathematics, University of Ho Chi Minh City
- The Faculty has grown considerably and is one of the leading Faculties of Information Technology in Vietnam.
 - One of the four pioneer Faculties** participating in the external assessment at program level of the **ASEAN University Network – Quality Assurance** in December 2009
 - High achievement in the external assessment at program level of the **AUN-QA** in December 2009
 - One of the two pioneer Faculties** of Vietnam National University – Ho Chi Minh city participating in **the CDIO Project**





Departments in FIT - HCMUS

Computer Science

- Provides the advanced knowledge and skills to create various integrated applications having intelligent behaviors

Information Systems

- Provides the knowledge to help students to implement and develop IS Projects in economic administration, official management, information retrieval...

Knowledge Engineering

- Provides the knowledge in cryptography, security and natural language processing

Departments in FIT - HCMUS

Software Engineering

- Provides knowledge in implementing, managing, and maintaining projects which help students to design and implement the high quality software products.

Computer Networks & Telecommunication

- Provides the knowledge in telecommunication through wide-area networks, local area networks, and distributed database systems

Computer Vision & Robotics

- Provides the knowledge in digital image and video processing, computer vision and robotics

Staff in FIT - HCMUS

Faculty members: 134

- 102 staff members (Professors, Senior Lecturers, Lecturers, TAs)
- 15 researchers
- 17 Staffs

Research Labs

Software Engineering Laboratory (SELab)

- Doing research and developing software inside and outside the country.

Artificial Intelligent Laboratory (AIIab)

- Doing research in Computer Science and Knowledge Engineering field.

Network Security Laboratory (NSLab)

- Doing research in Computer Network and Telecommunication field.

Research groups



Information Retrieval

Dr. HO Bao Quoc, Assoc. Prof.
DONG Thi Bich huy



Vietnamese Computational Linguistics

Assoc. Prof. DINH Dien



Spoken Language Processing

Assoc. Prof. VU Hai Quan



Soft Computing &

Assoc. Prof. LE Hoai Bac, Dr.
LE Hoang Thai



Data Mining

Assoc. Prof. LE Hoai Bac



Integrated and Intelligent systems

Dr. DINH Ba Tien
Assoc. Prof. DUONG Anh Duc



Concrete Structure & Models

Assoc. Prof. NGUYEN Dinh Thuc
Assoc. Prof. TRAN D. Thu



Software Development Process & Technology

Assoc. Prof. TRAN Dan Thu
Dr. TRAN Hanh Nhi



Computer Vision

Dr. LY Quoc Ngoc
Dr. TRAN Thai Son



Grid Computing

Senior Lecturer. CAO Dang Tan

International Collaboration

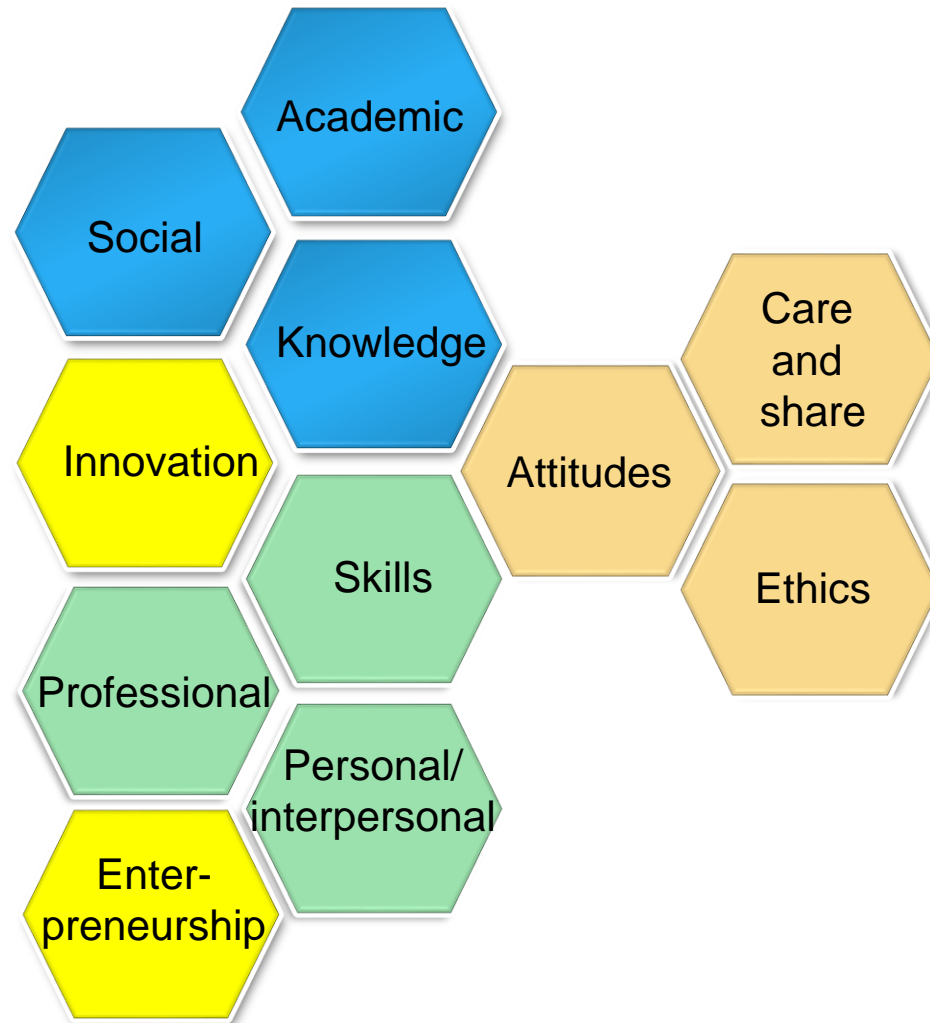
- Japan
 - ▣ National Institute of Informatics (NII)
 - ▣ Toyota technological Institute (TTI)
 - ▣ Japan Advanced Institute of Science and Technology (JAIST)
- France:
 - ▣ Many Universities in Paris, Lyon, Grenoble, Toulouse, Orleans,...
- Korea
 - ▣ KAIST
 - ▣ POSTECH
 - ▣ Ajou University
 - ▣ Chonnam National University
- USA:
 - ▣ Portland State University
- Australia:
 - ▣ University of Canberra
- Canada
 - ▣ University of Montreal, Université de Trois-rivières

Programs and Degrees

- **Doctor of Philosophy in Computer Science**
 - ~10 Ph.D. students / intake
- **Master of Science in Computer Science or in Information Systems**
 - ~ 120 - 200 students / intake
- **Bachelor of Science in Computer Science:**
 - For regular fulltime students, 550-600 students/intake:
 - Regular Program ~ 450 students
 - **Advanced Program (En)**~ 40 students (first intake : 2006)
 - **Advanced Program (Fr)** ~ 30 students (first intake: 2010)
 - **Advanced Program (Jp)**: ~ 30 students (first intake: 2014)
 - **Honors Program** ~ 40 students (first intake: 2002)
- **Associate Bachelor of Science in Computer Science (3-year program)**
- **Other Programs:**
 - Continuing Study Program
 - Distance Learning Program (Bachelor and Associate Degrees): first intake 2006

Total number of students: **~4000** students.

Program Objectives



Industry Collaborations - Activities

~ 70 top IT companies

- Scholarships
- Internships
- Recruitment
- Seminars, workshops, VIP Talks
- Career Orientation Seminar (Role-Oriented)
- Career Counselling
- Open days (visit company)
- Training courses (skills, technologies, languages)
- Joint-research projects
- Co-supervise thesis
- Train the trainers
- On-demand training
- Sponsor for Clubs (Live Science, ACM, Mobile, Startup, Design, Robotics...)

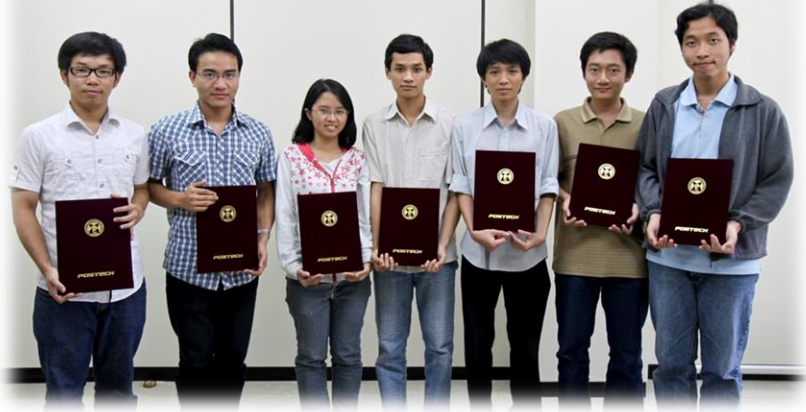
Annual Job Fair



Student Exchange and Internship

POSTECH University of Science, Vietnam National University – HCMC
ITCE 2012 **ITCE** Summer Internship Program Completion Ceremony **WCU**

Period: July 9 ~ Oct. 1, 2012



Student Exchange and Internship



ACM International Collegiate Programming Contest – World Finals



**ACM/ICPC World Final
in Canada (2008)**



**ACM/ICPC World Final
in Harbin, China (2010)**



**ACM/ICPC World Final
in Phuket, Thailand (2016)**



**ACM/ICPC World Final
in Orlando, U.S.A (May 2011)**



**ACM/ICPC World Final
in Ekaterinburg, Russia. (June 2014)**



Thank you !