



Vietnam National University - Ho Chi Minh City

HO CHI MINH CITY UNIVERSITY OF TECHNOLOGY

HCMUT

PROSPECTUS



HCMUT

HO CHI MINH CITY UNIVERSITY OF TECHNOLOGY

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A Message From The Rector

Ho Chi Minh City University of Technology (HCMUT) celebrated its 50th anniversary in October 2007, an important milestone marking its consistent progress achieved in higher education. HCMUT has developed both in scale and prestige due to high quality of training and scientific research. In all over

the country, especially in the Southern part of Viet Nam, you can see HCMUT alumni holding important positions in government offices, industries and typical enterprises; or you can see them as excellent engineers in factories or as brilliant researchers in technological institutes. This simply results from the fact that our university has been the most reputable and one of the oldest universities in the South. Every year, 5000 graduated engineering students contribute to the development of the society and economy.

With high capability in scientific research and technology transfer, HCMUT has built up a close relationship with the industry and community, especially in the provinces of the Mekong Delta and the eastern part of the South. Our viewpoint is that a University of Technology not only trains engineers, supplies the society with highly qualified human resources but also contributes to solving scientific and technical problems in the nation. Only by carrying out the responsibilities of training, conducting scientific research and developing technology in order to contribute to the economy of the country can we accomplish the mission entrusted by the people and the government.

In the new frontiers of global economy and in response to the needs of increasing training quality, HCMUT places top priorities to (1) further enhance the training and scientific research quality, (2) to set up and develop university – industry linkage aiming at training highly qualified engineers to address the needs of the industry, and (3) to build up and expand the relationship and collaboration with universities and to take advantages of supports of the superior authorities with the ultimate objectives to develop the university and to be recognized as one of the leading universities of the region with an international environment for study and research activities.

HCMUT is a promising starting point for a fruitful career of students, lecturers and researchers.

Assoc. Prof. Dr. VU DINH THANH
Rector



About The University

Ho Chi Minh City University of Technology (HCMUT) was established in 1957 and has been recognized as a centre of excellence among technological universities in Vietnam. Prior to the country re-unification in 1975, the university was the only institution to produce engineers in the Southern Vietnam. Up to the present day, HCMUT still remains as the largest, the most prestigious and the oldest engineering university in the South of Vietnam.



The University has two campuses: one is located in the inner of Ho Chi Minh City and the other in the outskirts of the city. Located in a metropolitan area about 4km from downtown Ho Chi Minh City and nearly 3km from the international airport, the former one sets on a 14.5-hectare campus full of greenery. The latter one, with an area of 26 hectares, is located about 28 km from the city campus. HCMUT has 26750 students enrolled in 11 academic faculties and 1300 full-time staff members. Many of HCMUT academic staffs graduated from foreign well-known universities. Together, they provide invaluable knowledge and skills contributing to the development of the university. It's the cultural and intellectual diversity of a dynamic teaching staff that portrait a special characteristic of HCMUT.

HCMUT sets a goal to achieve world evaluated standard in engineering education, and to be recognized internationally. The university has the role to equip engineers with solid scientific knowledge and technical skills to keep up with rapid changing technology in the work place. Moreover, the university maintains an excellent reputation in higher education, fosters intellectual growth, provides a good learning environment, supports and encourages the development of student's potentials. To further enhance quality training, keeping up with international development, and to expand research activities, HCMUT has also established collaborations and exchange programs with overseas universities. HCMUT staff are trying all their best to fulfill a commitment of building a premier research-based university and serving educational needs of the public.

ABOUT THE UNIVERSITY

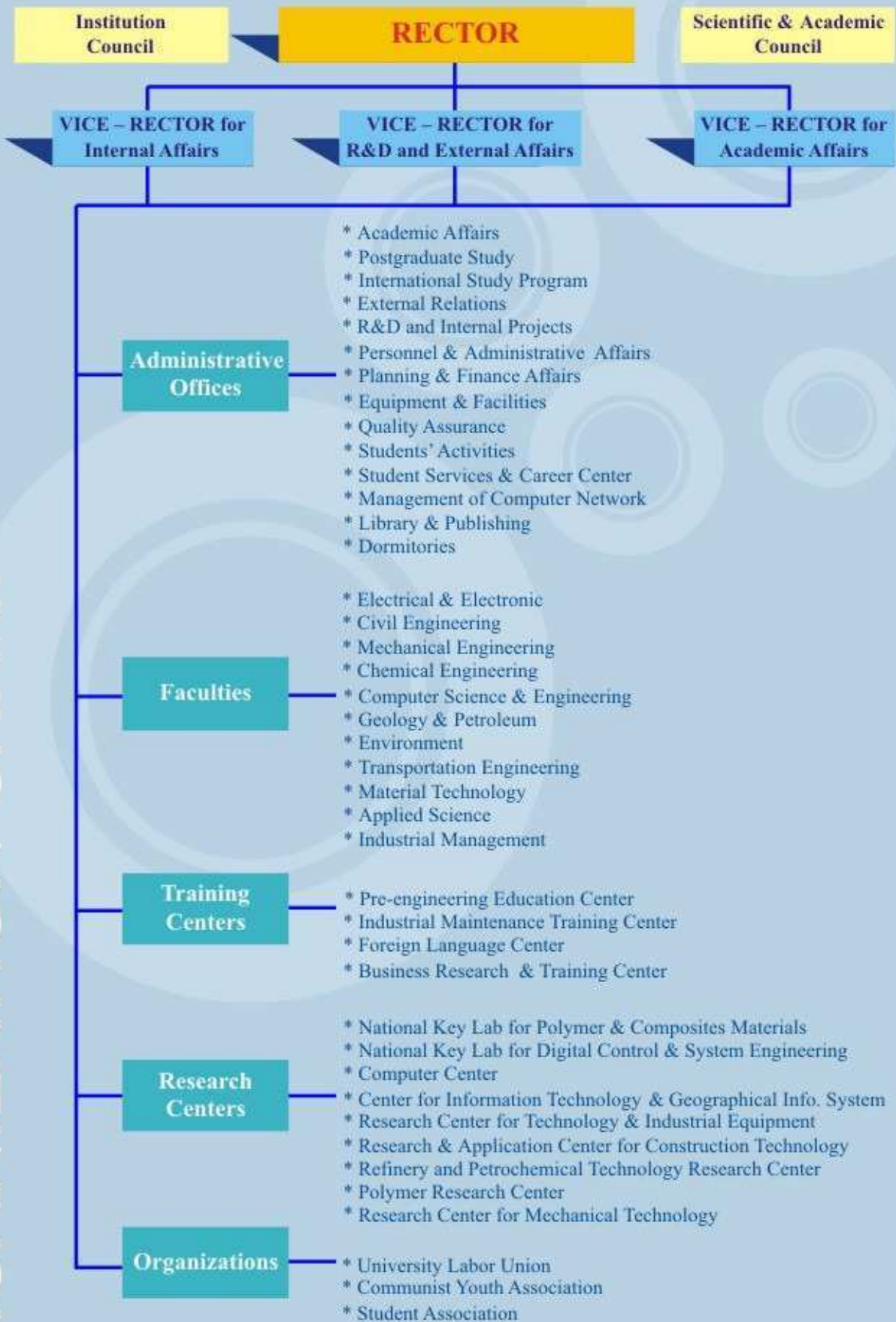




Outline of HCMUT History

- 1957** Phu Tho National Technical Center was established with 4 faculties: Civil Engineering, Electrical Engineering, Industrial Engineering and Maritime Engineering.
- 1972** The center was renamed National Technical Institute. Faculty of Technology and Faculty of Fundamental Sciences were founded.
- 1973** The institute was renamed Technical University.
- 1975** The country re-united at the end of the war.
- 1976** The university was reorganized as University of Technology with 5 faculties: Civil Engineering, Electrical Engineering, Hydraulic Engineering, Mechanical Engineering and Chemical Engineering.
- 1978** Faculty of Geology was founded.
- 1990** Post graduate engineering programs were started.
- 1991** The two Faculties of Hydraulic Engineering and Civil Engineering merged into Faculty of Civil Engineering.
- 1992** Faculty of Industrial Management was founded.
- 1993** Faculty of Computer Sciences and Engineering was founded. The credit-based system was applied in the training programs.
- 1996** HCMUT became a member of National University of Ho Chi Minh City.
- 1999** Faculty of Environment of Engineering was founded.
- 2000** Faculty of Transportation Engineering was founded.
- 2001** Faculty of Materials Technology was founded.
- 2003** Faculty of Applied Science was founded.
- 2005** HCMUT was rewarded the distinguished title “The Labor Hero of the Reform Period” by the Government.
- 2007** HCMUT was rewarded the “The Independence Medal” by the Government.





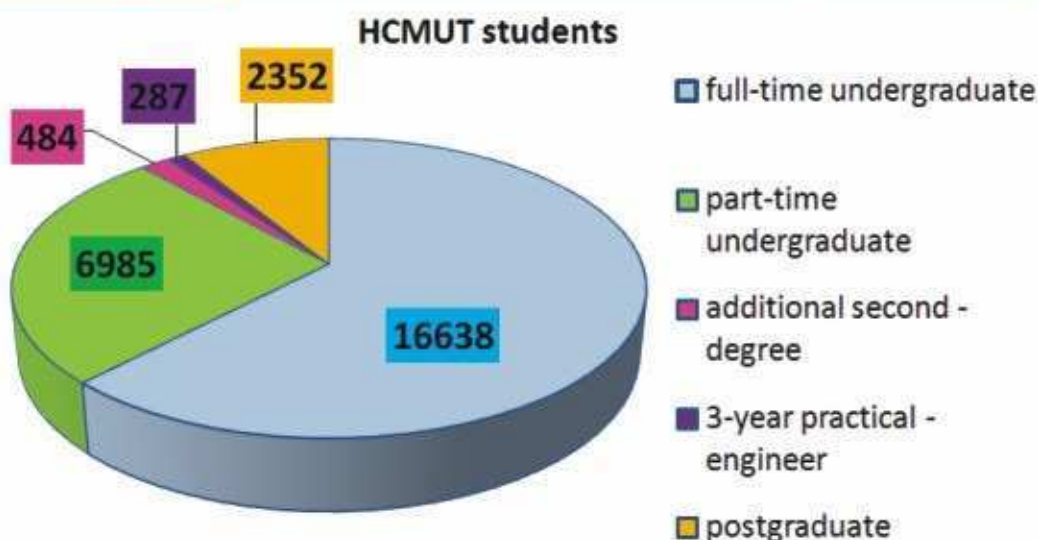
HCMUT Administrators 2007-2012

<p>Rector Vice rector for Internal Affairs Vice rector for R&D and External Affairs Vice rector for Academic Affairs</p>	<p>Assoc.Prof. Vu Dinh Thanh Assoc.Prof. Le Van Nam Assoc.Prof. Phan Dinh Tuan Dr. Truong Chi Hien</p>	<p>vdthanh@hcmut.edu.vn lvnam@hcmut.edu.vn pdtuan@hcmut.edu.vn tchien@hcmut.edu.vn</p>
<p>Personnel & Administrative Affairs Office Planning & Financial Affairs Office Equipment & Facilities Management Office External Relations Office R & D and Internal Projects Office Academic Affairs Office Postgraduate Study Office Quality Assurance Office Student Activities Office Dormitories Student Services & Career Center Library & Publishing</p>	<p>Head - Hoang Minh Nam, MSc. Head - Ms. Tran Thi Kim Loan Head - Dr. Luong Van Lang Head - Assoc.Prof. Nguyen Tan Tien Head - Assoc.Prof. Nguyen Van Nho Head - Dr. Nguyen Thanh Nam Head - Dr. Le Trung Chon Head - Do Thanh Thanh Son, MSc. Head - Vo Tan Thong, MSc. Director - Phan Dinh Mai, MSc. Director - Tran Tan Phuc, MSc. Director - Truong Ngoc Tuan, B.E.</p>	<p>hmnam@hcmut.edu.vn loantran@hcmut.edu.vn lvlang@hcmut.edu.vn nttien@hcmut.edu.vn nvkho@hcmut.edu.vn nam@ao.hcmut.edu.vn ltchon@hcmut.edu.vn dttsong@hcmut.edu.vn vtthong@hcmut.edu.vn pdmai@hcmut.edu.vn ttpduc@hcmut.edu.vn tuantruong@hcmut.edu.vn</p>
<p>Faculty of Electrical & Electronic Engineering Faculty of Civil Engineering Faculty of Mechanical Engineering Faculty of Chemical Technology Faculty of Computer Science & Engineering Faculty of Geology & Petroleum Engineering Faculty of Environment Faculty of Transportation Engineering Faculty of Materials Technology Faculty of Applied Science Faculty of Industrial Management</p>	<p>Dean - Assoc.Prof. Nguyen Huu Phuc Dean - Assoc.Prof. Bui Cong Thanh Dean - Dr. Tran Thien Phuc Dean - Dr. Pham Thanh Quan Dean - Dr. Thoai Nam Dean - Assoc.Prof. Nguyen Viet Ky Dean - Assoc.Prof. Nguyen Phuoc Dan Dean - Dr. Nguyen Huu Huong Dean - Dr. Vo Huu Thao Dean - Dr. Huynh Quang Linh Dean - Dr. Le Nguyen Hau</p>	<p>nhphuc@hcmut.edu.vn bethanh@hcmut.edu.vn ttpduc.rectie@hcmut.edu.vn ptquan@hcmut.edu.vn nam@cse.hcmut.edu.vn nvky@hcmut.edu.vn npdan@hcmut.edu.vn nhhuong@hcmut.edu.vn vohuu@hcmut.edu.vn huynhqinh@hcmut.edu.vn lnha@hcmut.edu.vn</p>
<p>Industrial Maintenance Training Center Foreign Language Center Business Research & Training Center</p>	<p>Director - Dr. Pham Huy Hoang Director - Nguyen Cong Tri, MBA Director - Dr. Pham Ngoc Thuy</p>	<p>phhoang@hcmut.edu.vn nguyencongtri@hcmut.edu.vn bmt@sim.hcmut.edu.vn</p>
<p>National Key Lab for Polymer and Composites Materials National Key Lab for Digital Control & System Engineering</p>	<p>Director - Assoc. Prof. Nguyen Dac Thanh Director - Assoc. Prof. Nguyen Thanh Nam</p>	<p>thanhd@hcmut.edu.vn thanhnam@vnuhcm.edu.vn</p>
<p>Computer Center Center for Information Technology and Geographical Information Systems Research Center for Technology and Industrial Equipment Research & Application Center for Construction Technology Refinery and Petrochemical Technology Research Center Polymer Research Center Research Center for Mechanical</p>	<p>Director - Tran Quang, MSc. Director - Dr. Le Hoang Nghiem Director - Dr. Dau Van Ngo Director - Assoc.Prof. Dao Xuan Loc Director - Dr. Huynh Quyen Director - Assoc.Prof. Nguyen Dac Thanh</p>	<p>tranquang@hcmut.edu.vn hoangnghiem72@hcmut.edu.vn dvngo@hcmut.edu.vn daoxloc@hcmut.edu.vn Hquyen@hcmut.edu.vn thanhd@hcmut.edu.vn</p>

Statistics on HCMUT Students

Total number: 26750 students

Undergraduate	Full-time undergraduate students including special programs	16638
	• PFIEV program	422
	• Talented engineer program	487
	• Advanced program	68
	• Twinning programs	67
	Additional second-degree students	484
	Part-time students	6985
	• at HCMUT campus	4678
	• at local sites	2307
	3-year practical-engineer students	287
Postgraduate	Master Students	2268
	PhD Students	84



Students in academic faculties in 2009

Faculty	Full-time	Part-time
Electrical-Electronic Engineering	2893	2519
Civil Engineering	3199	2463
Mechanical Engineering	2731	698
Chemical Engineering	1687	566
Computer Science and Engineering	1575	
Geology and Petroleum Engineering	837	
Transportation Engineering	797	284
Materials Technology	884	132
Applied Sciences	392	
Environment	813	324
Industrial Management	830	

Current Undergraduate Engineering Majors at HCMUT

Faculty of Electrical-Electronics Engineering	Electrical and Electronic Engineering Electronics-Telecommunications Power Systems Automation
Faculty of Civil Engineering	Civil & Industrial Structures Bridge and Highway Port & Marine Construction Water Resources Engineering Construction Materials Surveying and Mapping Land Administration
Faculty of Mechanical Engineering	Manufacturing Engineering Textile & Garment Technology Thermal Engineering Construction Machinery & Handling Equipment Mechatronics Industrial System Engineering
Faculty of Chemical Engineering	Chemical Engineering Petroleum Processing Food Engineering Biotechnology
Faculty of Computer Science and Engineering	Computer Science and Engineering
Faculty of Geology and Petroleum	Geotechnics Environmental Geology Mineral Geology Petroleum Geology Drilling and Production Technology
Faculty of Transportation Engineering	Aeronautical Engineering Automobile-Engine Engineering Naval Architecture and Marine Engineering
Faculty of Material Technology	Metallic Material Technology Silicate Material Technology Polymeric Material Technology
Faculty of Applied Science	Engineering Physics Biomedical Engineering
Faculty of Environment	Environmental Engineering Environmental Management
School of Industrial Management	Industrial Management Business Administration