

# The Petroleum and Petrochemical

*Twenty years of great international postgraduate  
Technology, and Polymer Science, with ma*



*PPC Academic  
Partnership with three  
leading U.S.  
Universities and a  
French Petroleum  
Institute*

The international academic partnership between Chulalongkorn University and three leading U.S. universities – Case Western Reserve University, the University of Michigan, and the University of Oklahoma – was established with the signing of a Memorandum of Understanding in 1992. The four universities agreed to work together in a partnership to develop graduate programs in The Petroleum and Petrochemical College, Chulalongkorn University, to be of top international standards.



## *PPC Faculty*

PPC's faculty is among Thailand's finest, as witnessed by the fact that 20 of the 21 faculty members have PhDs from top universities around the world and by the outstanding number of publications in international peer-reviewed journals (70 in 2006 alone), resulting in a publication-to-faculty ratio of more than 3, which is the highest in the country. Visiting professors also play an important role in providing expert teaching at PPC, with professors from the partner universities teaching in conjunction with the PPC faculty. In addition, lecturers from universities and industries outside of Thailand (for example from the University of New Brunswick in Canada, Kyoto University in Japan, the Technical University of Denmark, and UOP LLC in the U.S.) are also frequent teachers at PPC.



## PPC PROGRAMS

### International MS Degree

- Petroleum Technology
- Petrochemical Technology
- Polymer Science

### International PhD Degree

- Petrochemical Technology
- Polymer Science

## *PPC Academic Program*

PPC offers a two-year international Master of Science Program in Petroleum Technology, Petrochemical Technology, and Polymer Science, and a Doctor of Philosophy Degree Program in Petrochemical Technology and Polymer Science. PPC is now in its 20<sup>th</sup> year of educating quality students and has graduated a total of 769 Master-level and 62 PhD-level students. The programs at PPC are conducted entirely in English, and students are encouraged to participate in international conferences. In addition, many of the students have an opportunity to carry out part of their research work abroad. Hence, PPC graduates are exceptionally prepared to meet the challenges of working in the global community.

## *PPC Research and Other Facilities*

At the start of the International Program in 1992, PPC received a grant of 160 million baht for the acquisition of scientific equipment over the next five years. In 2000, another 100 million baht was made available through the MUA-ADB project for the period from 2000 to 2005. These funds, together with various other sources, have helped to ensure that the research facilities at PPC are maintained at the highest standards at all times.

Besides the outstanding research facilities, the College also provides other first-rate facilities to assist students in learning. These include a computer room, a wireless (Wi-Fi) network throughout the College, and an audio/visual room for students to watch recorded lessons.

## *PPC Mission*

Following the discovery of abundant natural gas in the Gulf of Thailand in the 1980s, the strong demand for qualified professionals in the fast-growing petrochemical and related fields prompted Chulalongkorn University to address this need by establishing The Petroleum and Petrochemical College (PPC). The intention was to build a program which would meet the highest international standards for research in the fields of petroleum and petrochemical technology and polymer science, and to graduate Master- and PhD-level students of the highest caliber.

# College, Chulalongkorn University

iate education in Petroleum and Petrochemical  
more years to come.....

## PPC Achievements

Apart from being a recipient of funding from the USAID-University Development Linkages Project (UDLP) in 1993 and a leading institute in one of the seven national scientific consortiums established by the Ministry of University Affairs (MUA) Higher Education Development Project from 2000 to 2005 and 2006 to 2009, in August 2006, the Commission on Higher Education (Ministry of Education) announced its first-ever ranking of Thai universities. The ranking was classified into two categories (research and teaching) in seven disciplines (Science, Technology, Biomedical Science, Social Science, etc.), and PPC, classified in the Science discipline, won TOP RANK in the research category and SECOND RANK in the teaching category. This great honor reaffirms the successful collaboration with our partner universities and is a testimonial to the combined dedication and hard work of our visiting professors, staff, and students over the past 20 years.



## PPC Students

Because of its high educational standards, PPC is able to attract top-quality students from institutions around the country, as well as from the neighboring countries of Cambodia, Vietnam, and Myanmar. Others have come to us from the Philippines, Iran, India, and China. Many of our graduates are now working in top companies in the petroleum, petrochemical, and related industries, both in Thailand and abroad, with some teaching in institutions around the country.

*The Times Higher Education  
Top 200 World Universities 2008*

*In the recent "The Times Higher  
Education Supplement" published  
in October 2008, Chulalongkorn  
University was ranked 166 and  
was the only Thailand University  
to be ranked in the top 200.*



*"The past twenty years was a period  
of establishing a strong foundation for  
The Petroleum and Petrochemical  
College, Chulalongkorn University;  
and for the next decade, PPC will  
embark on the journey to become a  
world-class graduate institute."*

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*Thai University Ranking by  
The Commission on Higher  
Education, Ministry of  
Education, 2006*

*The Petroleum and Petrochemical  
College, Chulalongkorn  
University, classified in the  
Science discipline, was ranked 1<sup>st</sup>  
in the research category and 2<sup>nd</sup>  
in the teaching category.*

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