

The University

King Fahd University of Petroleum & Minerals (KFUPM) is located in Dhahran on a beautiful, elevated landscape in the Eastern Province of the Kingdom of Saudi Arabia. Officially established by a Royal Decree on 5 Jumada 1, 1383 H. corresponding to 23 September 1963, the University was called "College of Petroleum & Minerals" (CPM) at that time. The name was later modified to University of Petroleum & Minerals (UPM) on 5 Muharram 1395 H corresponding to 17 January 1973, which was later changed to its present name on 23 Rabi II 1407 corresponding to 24 December 1986 during a visit of late King Fahd to the University. The first batch of students, admitted on 23 September 1964, totaled 67 with a small faculty of 14, mostly with Master's degrees. The University population has grown to approximately 10,000 students and 700 faculty members. The University's includes six academic colleges. Among them is the College of Engineering Sciences and the College of Applied Engineering, which comprise about half of the University's total student population.

The academic campus is well equipped and consists of all essential civil facilities of a modern town. In addition to the administration building and the Research Institute, there are approximately 75 main buildings that serve as classrooms, workshops and laboratory buildings, information and communication technology center, and a library, etc. Also, faculty and students are provided with services in a closely located services area consisting of a faculty dining hall, a student dining hall, a mail center, administrative offices, some indoor game facilities, an auditorium that seats 850 people, a gymnasium, a mosque, a stadium that seats 10000 people, a medical center, a conference center and multistoried parking students' mall. The facilities also include the distinctive KFUPM water tower that sits in the university logo itself.

KFUPM is located on the doorstep of the largest Oil Company in the world, Saudi Aramco. It is situated in the eastern region of KSA which is the main industrial hub of the Kingdom. The vicinity of Aramco is an added advantage to interact frequently with Saudi Aramco researchers and work with them on applied research related to oil and petrochemicals. Another major advantage is the vicinity of a well-developed industrial city which is one hour driving distance from KFUPM. A large number of national and international petrochemical companies are functioning there such as Sabic, Tasnee, and Sadara. They are offering a wide range of research opportunities to KFUPM. **KFUPM is ranked in 2013 by QS University ranking as 216 in the world.**

The College of Engineering programs are reviewed from time to time by internal and external agencies and we take great pride in the quality of programs offered. They are accredited by the Accreditation Board for Engineering & Technology (ABET). ABET evaluated our programs for three times—first in 1993, then in 2002 and 2008. The college of engineering also conducts its own internal assessment of each department's programs to improve the quality of its education.

Centers for Research Excellence at KFUPM

To provide extreme support for research in areas of excellence, KFUPM has established National Centers for Research Excellence in the following areas:

- KFUPM-MIT Collaboration Center on Clean Water and Clean Energy (<http://ccwce.mit.edu/>).
- Nanotechnology (<http://www2.kfupm.edu.sa/cent/>).
- Renewable Energy (<http://corere.kfupm.edu.sa/>).
- Refining and Petrochemicals (<http://core-prp.kfupm.edu.sa/>).
- Corrosion (<http://www2.kfupm.edu.sa/corec/>).
- Transformative Research in Petrochemicals and Polymers (<http://cid-rpp.kfupm.edu.sa/>).
- Maintenance (<http://se.ikfupm.com/department/ce/ceim/>).
- Supply Chain Management (<http://se.ikfupm.com/department/ce/cescm/>).
- Carbon Capture and Sequestration.

Beside the above, KFUPM is committed to interface with industry for serving them with latest technology and research in Oil and Petrochemical sectors. KFUPM has initiated Research and Development (R&D) Centers for many international companies by structuring them under one umbrella at Dhahran Techno valley (DTV). The companies such as Halliburton, Schlumberger, UOB, Honeywell etc. the long list of great importance working together at KFUPM.

KFUPM has very strong collaborative partnership on conducting innovative research with the following international institutions:

- MIT: Clean Water and Clean Energy.
- Stanford: Oil, Gas and Geosciences.
- California Institute of Technology (Caltech): Petrochemicals and Polymers.
- Technical University of Munich: Refining and Petrochemicals.
- Cambridge University: Oil and Gas.
- Georgia Institute of Technology (Georgia Tech): Geo-signal Processing and Smart Grids.
- National University of Singapore: Refining and Petrochemicals
- KAUST: Many research disciplines in Engineering and Sciences.
- Saudi Aramco (the largest oil company worldwide): Many research disciplines.
- SABIC (one of the leading petrochemical companies worldwide): Refining, Petrochemical and Polymers.
- In addition to many world-class universities and industries in different research fields.

The Department

The chemical engineering department is one of the most active departments in KFUPM in terms of funded research projects. The department has very strong relations with many well-known companies in the field of oil, gas, and petrochemicals. The list includes: Saudi Aramco (The largest oil producer in the world); SABIC (One of the international leaders in petrochemical Industry). In addition to these giant companies, the department has developed good relations with many local industries in different fields like: oil service companies, desalination, engineering equipment and others. The establishment of Dhahran-Techno valley in KFUPM has further strengthened the relations between the department and many international companies such as Halliburton, General electric, and Schlumberger. The faculty members are active in basic and applied research. The total funding of research projects in the department exceeds US\$ 15 million.

Why join CHE at KFUPM?

1. The CHE department is ranked by QS ranking in 2013 in the top 101-150 in the world.
2. The CHE department provides the opportunity to interact with active faculty.
3. The benefits package includes Tax-free salary.
4. Free and furnished accommodation.
5. Free annual repatriation tickets to you and your family (wife + two kids).
6. Free medical care.
7. Well-equipped research laboratories.
8. Extra money can be earned from research projects. Details are as follows:
 - i. A maximum of 30-50% of faculty salary from regular KACST funded projects.
 - ii. A maximum of 30-50% of faculty salary from KACST-NSTIP projects.
 - iii. A maximum of SR 10-30% of faculty salary from Research Excellence funded projects.
 - iv. A maximum of SR 10-30% of faculty salary from industry funded projects.
 - v. A maximum of 5-15% of faculty salary from KFUPM funded projects.
9. Different areas of research and research facilities are available in the different areas of Chemical Engineering such as polymers, catalysis, environmental, nanotechnology, optimization, transport phenomena, ..etc.
10. Well-established network of international collaborations with industry and well-known international Academic Institutions.