



# King Fahd University of Petroleum & Minerals

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# Talk Outline



- About KFUPM
- Research in College of Computer Sciences and Engineering
- Books Authored in CAD and Algorithms
- University ó Industry Collaboration via Science Park
- Other Related Material

# About



- King Fahd University of Petroleum & Minerals (KFUPM), was officially established by a [Royal Decree in 1963](#). It is an autonomous institution administratively attached to the Ministry of Higher Education
- The University is located in Dhahran, about 20 kilometers from Dammam in the Eastern Province of Saudi Arabia
- The University offers Undergraduate, Master and Doctoral Programs in various fields of Engineering, Sciences, Business Administration, Accounting and Management Information System, and Master of City & Regional Planning Program
- The University offers Graduate Programs in [21 disciplines](#) in the above majors

# Campus View



# Academic Organizations



- It has the following six Academic Colleges:
  - College of Computer Science & Engineering
  - College of Engineering Sciences
  - College of Applied Engineering
  - College of Sciences
  - College of Environmental Design, and
  - College of Industrial Management



# Academic Buildings



# Computing Facilities & ITC



- The University's Information Technology Center (ITC) is the primary facility at KFUPM that provides computing support for education, research, and administrative applications to the University community
- In addition, the University has 10s of PC labs and state-of-the-art computing facilities (such as Sun Workstations, Solaris lab, NEXT Machines, Java Stations, etc.)

# Information Technology Center





# Research Facilities



- The University has a modern Library with a collection of
  - The Library has online access to more than 400 international databases
  - more than 350,000 volumes of books and periodicals
  - approximately 25,000 films, cassettes, and other media items,
  - a research report collection comprising more than 486,000 microfiche
- KFUPM has also a [Research Institute](#), which is actively engaged in contract research with industry and governmental agencies

# Research Institute



# Teaching



- The University maintains an extensive textbook acquisition system to ensure that only the **latest books** are used in teaching
- The University's regular and adjunct faculty is multinational and the **medium of instruction** in the University is in **English**. Teaching methods, curricula, administration, and organization of the University are largely designed in accordance with reputable international standards, which have been adapted to Saudi Arabian needs
- Other facilities such as Cafeteria, Clinic, Recreation Center are also available in the University to serve the Community

# On-Campus Services



- Central Services
  - Projects & Maintenance
  - Housing & Office services
  - KFUPM Press & Educational Aids
  - Food services
  - KFUPM Medical Center
  - Safety & Security Department
  - Administrative services
  - Recreational facilities



# Snmpses of KFUPM



# Graduate Programs



- Deanship of Graduate Studies, KFUPM offers Graduate Programs leading to
  - Doctor of Philosophy (PhD.)
  - Master of Science (MS.)
  - Master of Engineering (ME.)
  - Master of City & Regional Planning (M.C.R.P.)
  - Master of Business Administration (MBA.)
  - Master of Accounting (M.Acct.)
  - Master of Medical Physics (M. Med. Phys.)
  - Master of Environmental Sciences (M. Env. Sci.)
  - Master of Science in Geosciences (M. Sc. in Geos.)
  - Master of Geosciences (M. Geos.)

# Graduate Admission Support



- All admitted graduate students (satisfying a certain criteria) receive the following benefits:
  - Free tuition
  - A **monthly stipend** to cover living expenses
  - Subsidized meals in the University cafeteria
  - Essential medical care
  - Free furnished air conditioned **bachelor housing**
  - Free **textbooks**
  - **Support for Conference Attendance**
  - A prepaid air passage for initial travel to Dammam at the start of the contract. and return ticket after his completion of the Degree
  - An opportunity to participate along with the University faculty in the Research and Book-writing Projects funded by the University





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Thank you for your attention