

Lecturer, Chemical Engineering  
Prince Mohammad Bin Fahd University

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Posted Mar. 11, 2024, set to expire Nov. 27, 2024

<b>Job Title</b>	Lecturer, Chemical Engineering
<b>Department</b>	College of Engineering
<b>Institution</b>	Prince Mohammad Bin Fahd University Al Khobar, Eastern, Saudi Arabia
<b>Date Posted</b>	Mar. 11, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Fall 2024 -2025
<b>Job Categories</b>	Lecturer/Instructor
<b>Academic Field(s)</b>	Chemical/Petroleum
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<b>Job Description</b>	

AL-KHOBAR, KINGDOM OF SAUDI ARABIA

**Position:**Lecturer, Chemical Engineering

**Department:**Chemical Engineering

**School:**College of Engineering

**Reports to:**Department Chair; College Dean

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## **Introduction**

Prince Mohammad Bin Fahd University (PMU) is a private non-profit university located in the eastern province of Kingdom of Saudi Arabia (KSA). The University is dedicated to excellent teaching and research and has experienced a significant growth in the last decade. The university is currently ranked 590th worldwide and 4th in the KSA as per 2024 QS World Rank. PMU strives to develop human intelligence, disseminate knowledge and find solutions based on research and scientific studies of problems experienced by societies.

The Department of Chemical Engineering is recently established at PMU to promote excellence in education and research. To produce high intellectual citizens to serve the society with utmost dedication and commitment. To foster creativity and innovation leading to entrepreneurship. To strengthen the strategic areas of the department, we are now inviting applications for multiple faculty positions at all ranks (Assistant Professor/Associate Professor/Professor) in chemical engineering (in particular, in the areas of chemical engineering thermodynamics, process control & instrumentation, process modelling & simulation, reaction engineering, biotechnology).

## **General Description**

The members of PMU's Chemical Engineering faculty will:

- Carry out the duties of the position in accordance with college values and standards and in line with college policies and procedures, upholding high professional standards and leading by example.
- Work with our students as members of a learning community to provide world-class education and an excellent student experience.
- Integrate the college value of inclusiveness into all appropriate aspects of the job, respecting the dignity and diversity of all members of the college community and of visitors to the college.
- Promote the values of collegiality within the college community.

## **Qualifications & Experience (*Required*)**

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- Suitable candidates should have earned their Bachelor and Master degrees (Science, Technology, or Engineering) from a recognized and approved university by the Saudi Higher Education attestation standards and to ensure that their degrees are attained from accredited universities in Chemical Engineering with at least three years of experience in laboratory development and teaching at the university level.
- Suitable candidates should primarily maintain, run and teach undergraduate laboratories in the areas of separation process/reaction engineering/process simulation including expertise in Aspen plus & Hysys/process control. They will be required to set up experiments and supervise students during lab sessions and handle all aspects of lab preparation as needed. They are expected to qualify to teach freshman and sophomore level chemical engineering courses as well as assist in conducting basic and applied research in collaboration with engineering faculty members.
- Suitable candidates are expected to have excellent command of the English Language and should be familiar with technology infused academic environments.

**Knowledge, Skills and Abilities(Required)**

Suitable candidates are expected to have experience in the following:

- Conducting laboratory sessions for chemical engineering courses at university level
- Designing of Experiments
- Using laboratory software applications such as Aspen plus, Hysys, ChemCAD, Matlab, MathCAD, AutoCAD, SolidWorks, and LabView
- Interfacing laboratory equipment with computers
- Using chemical engineering laboratory equipment such as separation columns, reactors, advanced analytical equipment.
- Performing system integration
- Hardware trouble shooting and equipment calibration experience

**Duties and Responsibilities**

- Teach laboratory sessions and introductory classes
- Prepare equipment and experimental set ups for instructions and research
- Prepare laboratory manuals and standard laboratory procedures in collaboration with faculty members and lab coordinators
- Accomplish grading laboratory reports and assisting in laboratory related activities

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- Procure/place purchase orders for electronic/electrical components required for experiments
- Ensure quality control, routine equipment maintenance and safety procedures and inventory management
- Organize and catalogue lab and sample materials
- Other support duties as required.

### Remuneration and Benefits

PMU offers an income tax-free compensation package, commensurate with rank and experience, including 12-month salary, PMU accommodation, annual vacation, and annual round-trip airfare to the home country, medical insurance and end of contract benefits.

### How to Apply

Application to this position require a letter of interest, curriculum vita (include a recent photo; state citizenship; and links to Google Scholar & Scopus and LinkedIn profile), unofficial copy of Degree. Diploma, statement of research and teaching interests and a portfolio (no more than 20 pages long) that includes representative professional work depicting evidence of research, teaching activities; laboratory experience as well as the names, addresses, phone numbers and email addresses of at least three professional references who may be contacted, with permission of the candidate, following initial evaluations by the search committee.

*Positions advertised on our job website and can be closed at the discretion of the department at any time. This position is open until filled. This employment site is updated on a regular basis. The length of the recruitment and screening process may vary from position to position, depending upon a variety of factors. Should review of your qualifications result in a decision to pursue your candidacy, you will be contacted by phone or email.*

*Review of applications will begin immediately and continue until positions are filled.*

- Please mention the name of the source/website where you have seen this advertisement
- Only short listed candidates will be contacted.

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**For submission of applications, log-on to our career site:**

<https://pmu.taleo.net/careersection/ex/jobsearch.ftl>

*Alternatively, send your application by email to [vacancies@pmu.edu.sa](mailto:vacancies@pmu.edu.sa) in the event of an unsuccessful online application. (Please specify Position Applied for: Ex: Lecturer in Chemical Engineering" in the email subject line and please also mention the name of the source/website where you have seen this advertisement)*

**Disclaimer**

PMU reserves the right to alter, amend and add responsibilities to this position in line with the institutional needs. Changes and amendments to this job description shall be within the academic framework and the general employment conditions.

**Contact Information**

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

**Contact** International Recruitment  
Prince Mohammad Bin Fahd University  
Al Khobar, Eastern  
Saudi Arabia

**Contact E-mail** [vacancies@pmu.edu.sa](mailto:vacancies@pmu.edu.sa)