



## Posting Details

**Job Title:** Doctoral Researcher

**Position Number:** Research Assistant

**Job Description**

Applications are invited for the post of Doctoral position with the research project on the development of electrodialysis process for brine valorization. The aim of this project is to follow and evaluate experimental and operational process and conduct research on the development of novel ion exchange membranes (IEMs) for electrodialysis. The successful candidate will work closely with the projects' PI to implement the research, analyzing, writing and publishing the research findings. The salary commensurate with training and experience, and is tax-free.

For additional information contact: Prof. Ali Al-Marzouqi, Department of Chemical and Petroleum Engineering Department, UAE University - Al Ain, UAE, Email:

[hassana@uaeu.ac.ae](mailto:hassana@uaeu.ac.ae).

**Minimum Qualification**

: Master's degree in chemical engineering or related field.

**Preferred Qualification:**

Experience with electrodialysis process for brine valorization

- Excellent analytical thinking, records and raw data analysis.
- Hands-on experience with desalination, membrane fabrication, and electrodialysis.

**Expected**

- Knowledge of characterization techniques for liquid and solid samples.

**Skills/Rank/Experience**

- Knowledge of safety protocols and data analysis.
- Problem-solving and communication skills.
- Ability to work independently and take initiative.
- Good interpersonal and team working skills.

**Special Instructions to** Candidates should submit CV including the name of two persons/contacts who could

**Applicant:** provide letter of reference.

**Division:** College of Engineering

**Department:** Chemical and Petroleum Engineering Department.

**Job Close Date:** 25-12-2023

**Job Category:** PhD Student