Amjed Mohammed Hassan Sheikh Mohammed

Email: amjed.moh06@gmail.com
Google Scholar: https://scholar.google.com/citations?user=9eF50NIAAAAJ&hl=en

Position: Assistant Professor at the Faculty of Engineering, University of Khartoum.

Amjed Hassan has an excellent background in simulation work and laboratory measurements, besides teaching experience. Dr. Hassan filed 2+ patents and published 40+ articles in international conferences and peer-review journals. Teaching courses include reservoir engineering, petrophysics, waterflooding, and introduction to unconventional recourses. His research interests are unconventional recourses, enhanced oil recovery (EOR), and artificial intelligent techniques. Dr. Hassan serves as an assistant reviewer for several journals such as Petroleum Science and Engineering. He has participated in many regional and international workshops and conference. Dr. Hassan is an active member of the SPE, SPWLA, EAGE, and DGS societies.

Education Qualification

- Ph.D., Petroleum Engineering, King Fahd University, May 2020.
- M.Sc., Petroleum Engineering, KFUPM, Saudi Arabia, 2015.
- B.Sc., Petroleum Engineering, University of Khartoum, 201.

Experience

September 2021 – Present
- Assistant Professor at the Faculty of Engineering, University of Khartoum;
  - Teaching Reservoir Engineering and waterflooding Courses.
  - Training and supervising students in their graduation projects.

August 2016 – May 2020
- Ph.D. student and Research Assistant at CPG-KFUPM;
  - Assisting in teaching Natural Gas Engineering and Reservoir Description.
  - Working on several projects for tight gas reservoirs.

March 2013 – April 2016:
- Master student and Research Assistant at KFUPM;
  - Optimizing the oil recovery from carbonate reservoirs.
  - Teaching assistant for reservoir simulation course for graduate students.

November 2011- December 2012:
- Teaching Assistant at the Petroleum Engineering Dept., University of Khartoum.
  - Teaching Assistant for reservoir engineering, natural gas, well testing, and EOR courses.

- Instructor at PETROEDGE Company for Technical Consultancy and Training Services.
  - Providing Training for company staff in the areas of drilling, Testing, and production.

Achievements and Awards

1. SPWLA prize for the best research in petrophysics, for the Middle East Region (February 2018).
2. Ministry of Energy and Mining award for the best Academic Performance in Petroleum Engineering (February 2012).
3. The University of Khartoum award for the best Academic Performance in Petroleum Engineering (November 2011).
4. Schlumberger award for the best Graduation Project in Petroleum Engineering (August 2011).

Attended Training and Workshops

1. Entrepreneurial Emerging Leaders (EEL) Program (January to May 2018)
2. Introduction to SKUA-GOCAD for Geoscientists, (September 2017).
3. TechLog Training for Well Logging Interpretation (November 2016).
4. Practical Training in Drilling and Production Oilfields Operation (August 2013).
5. Geology and Reservoir Training Course (June 2013).

Computer Skills

- Microsoft Office (Excel, Word, PowerPoint).
- MATLAB program.
- Ecrin-Kappa Well Testing Software, SAPHIR.
- CMG software, WinProp, and GEM simulators.

Membership

- Society of Petroleum Engineers (SPE).
- Society of Petrophysicists and Well Log Analysts (SPWLA).
- American Rock Mechanics Association (ARMA)

Languages   - Arabic   - English

References   Available upon request