

Curriculum vitae

Name: Esmaeil Alsir Mohammed Ahmed

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Personal Information

DOB: 7-3-1991
Nationality: Sudanese.
Marital Status: Single
Address: Sudan-Khartoum – South Jabraa street No:18

Profile:

Enthusiastic and well-experienced Lecturer with great experimental work experience, looking for PhD position in which I can utilize my experience and make the bright additional value. seeks to build academic career with a highly-respected organization.

Teaching Experience

March 2022 – Present Lecturer (part -time), Sudan University of Science and Technology - Collage of Petroleum Engineering and Mining

Key Duties:

- Instruct students at undergraduate level in petroleum engineering subjects such as:
 - ✓ Basics of Reservoir Engineering.
 - ✓ Reservoir rocks and fluids properties.
 - ✓ Flow through porous media and well performance.
 - ✓ Numerical analysis.
 - ✓ Computer applications in petroleum engineering.
- Compile quizzes, tests, and projects for grading and knowledge testing purposes.
- Assist and supervises students during graduation projects.
- Collaborate with professors in final examinations preparing and results issuing.

April 2014 – March 2022 Teaching Assistant (part -time), Sudan University of Science and Technology - Collage of Petroleum Engineering and Mining

Key Duties:

- Conduct practice lessons and laboratories classes of subjects such as:
 - ✓ Reservoir Engineering.
 - ✓ Petroleum Production Engineering and well stimulation.
 - ✓ Numerical analysis.
 - ✓ Applied probability and statistics.
 - ✓ Fluid mechanics.
- Assist and supervises students during field trips.
- Monitoring students' performance and submits progress reports university lecturers.

Research Experience

Sep 2018 – Mar 2019 Petroleum Engineer, Greater Nile Petroleum Operation Company (GNPOC)

Key Duties: Attend all internship program content:

- G&G overview (Geophysics, Petrophysics Geology and Geomodelling);
- Reservoir Engineering (Pressure and Temperature Analysis, Rock and Fluid Properties, Well Testing, Reservoir performance);
- Production Engineering (Well Completion, Workover Proposal, Monitoring Field

Performance, Production Initiative);

April -Dec 2014 Lab Staff, Ministry of Oil and Gas Central Petroleum Laboratories

Key Duties:

- Conduct Laboratory Tests on Routine and non-Routine basis for Water.
- Conduct Laboratory Tests for Fluid Saturations, Porosity, Grain Density and Permeability.
- Conduct Laboratory Tests on Surface Samples to measure crude oil properties.

Education

- **M.Sc. (By Courses and Research) Environmental Engineering - Sudan University of Science & Technology -2022** (Environmental Evaluation for Treated Wastewater in Khartoum Refinery)
- **B.S.C Petroleum Engineering - Sudan University of Science & Technology -2013**

Publications

- ENVIRONMENTAL EVALUATION FOR TREATED WASTEWATER IN KHARTOUM REFINERY- <http://196.202.146.29/handle/123456789/27759>

Languages

- Arabic (written& spoken).
- English (written& spoken).

Courses

- Institution of Occupational Health and Safety (iosh).
- NEBOSH International General Certificate.
- Industrial Environment Management through Techno-Managerial and Policy Choices - Dr. Ambedkar Institute of Productivity, National Productivity Council, Chennai, Tamil Nadu, India.

Personal Skills and Attributes

- Excellent oral and written communication as well as interpersonal skills;
- Solid time management and problem-solving skills;
- Strong attention to details;
- Highly organized;
- Sound practical knowledge of the basic computer applications like MS Word, Excel.
- Solid Programming skills in Matlab;
- Digital Skills: Oil Field Manager (OFM) Petroleum Engineering Software (CMG, Petrel);

References

- **Dr. Mysara Eissa Mohyaldinn** –Senior Lecturer -Petroleum Engineering Department Universiti Teknologi PETRONAS–E.mail: mysara.eissa@utp.edu.my Tell: +6010426 0280
- **Dr. Fatima Ahmed Elbirar** –Head of Petroleum Engineering Department - Sudan University of Science & Technology –E.mail: hamedfatima324@gmail.com Tell: +249900991232
- **Mr. Mohammed Mahgoup Mohammed Khairy** – Graduate Research Assistant – University of Wyoming -Laramie - E.mail: mkhairy@uwyo.edu _ Tell: +249919974047
- **Mr. Abdulla Abduljabar Mohamed Salih** – PhD Candidate in Petroleum Engineering- Universiti Teknologi PETRONAS- E.mail: aa.salih@yahoo.com Tell: +60 1116777915