

Curriculum Vitae

Reza Taheri

rtaheri1@uwoyo.edu

Profile

- ✓ 12 years of experience in delivering a wide range of petroleum engineering courses
 - ✓ Key contributor to the establishment of 3 new petroleum engineering departments
 - ✓ Active involvement to secure and fulfil ABET and IEA accreditation requirements
 - ✓ Professional research activities including publications and serving as a referee for more than 30 high-impact journal papers (JPSE, UOGT and JPT)
 - ✓ Extensive industrial experience and collaborations
 - ✓ High rankings achieved in student surveys and annual performance evaluations
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Key Skills

- ✓ Excellent communication, social and interpersonal skills and an active team player
 - ✓ Expert in budgetary and financial aspects of academic sector and its collaborations
 - ✓ Strategic change detection analyst with customized applicable solution proposals
 - ✓ Well versed with the latest technology and tools used to develop student skills
 - ✓ Professional expertise in project-based learning
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Educational Qualifications

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| PhD in Petroleum Engineering , Curtin University of Technology, WA | 2008 |
| Master's Degree in Exploration and Evaluation of Earth Resources ,
Faculty of Geo information Science and Earth Observation (ITC),
University of Twente, the Netherlands (Holland) | 2001 |
| Bachelor of Science Degree , Faculty of Mining and Petroleum Engineering ,
Tehran Polytechnic (Amir Kabir University of Technology), Tehran, Iran | 1997 |

Further Training and Certifications

Certificate IV in Training and Assessment (**TAE40110**), Tasmanian Polytechnic 2011

Lead Auditor certificate, Quality Management Systems (ISO9001), IRCA, UK 2014

Certificate of attendance in training courses in:

- “Managing Conflict and Dealing with Difficult People”
- “Implementing Positive Behavior in Classroom” and
- “Leading a Team”. 2013

Certificate of course completion in **Leadership and Communication**, Australian Technology Network, based in Curtin University of Technology 2006

Certificate of course completion in **Project Management**, Australian Technology Network, based in Sydney University of Technology 2005

Academic Employment History

Sabbatical Research Associate, Curtin University of Technology 2019-Current

Visiting Associate Professor, Various Universities in Iran including Sharif University, University of Garmsar and Tehran Polytechnic 2016-2019

Assistant Professor, Lebanese American University, Byblos, Lebanon 2014-2016

Head of Petroleum Engineering Department and Assistant Professor Australian College of Kuwait (ACK) 2008-2014

Instructor, Department of Petroleum Engineering, Curtin University of Technology, WA 2005-2008

PhD Student (Winner of the Australian Postgraduate Award) Curtin University of technology, WA 2003-2008

Instructor of Remote Sensing & GIS to master students Sahand University of Technology, Tabriz, Iran 2001-2002

Cooperate Trainer of Remote Sensing and GIS to mining sector employees, research institute of the ministry of industries and mines, Iran 2001-2002

Courses Taught in Petroleum Engineering to date:

- ✓ Geology for Petroleum Engineers
- ✓ Geophysics
- ✓ Formation Evaluation and Well Logging
- ✓ Drilling Engineering
- ✓ Reservoir Engineering and Management
- ✓ Financial Management of Engineered Assets
- ✓ Engineering Geology and Geotechnics
- ✓ Introduction to Petroleum Engineering
- ✓ Petroleum Leasing Regulations and Practices
- ✓ Fundamentals of Well Test Analysis
- ✓ Petroleum Production Engineering
- ✓ Petroleum Project Evaluation
- ✓ Unconventional Resources and EOR Techniques
- ✓ Engineering Economics and Petroleum Economy
- ✓ Generic Engineering units e.g. College Physics/General Chemistry
- ✓ Drilling Muds and Rheology
- ✓ Fluid Mechanics
- ✓ Drilling Fluids Lab
- ✓ Management of Technological Innovations
- ✓ Oil spill Management and Environmental Protection
- ✓ Introduction to Petrochemical Industry
- ✓ Selected Topics in Petroleum Engineering (Project-Based Learning)

Services Offered and Engagements in my Academic History

- ✓ Planning ahead to fulfill the accreditation requirements of ABET and IEA for Lebanese American University and Australian College of Kuwait, respectively.
- ✓ Facilitating the set-up processes of the petroleum engineering labs in Kuwait, Lebanon and Iran. Negotiations with vendors, quality assessment, procurement and commissioning were performed under my supervision within a team comprising of teaching and administrative assistants.
- ✓ Applying for and receiving research grants from local government and oil companies in Kuwait (KOC, KFAS), Lebanon (LPA) and Iran (NIOC).
- ✓ Successful promotion of the petroleum engineering program in high schools in Kuwait and Lebanon to attain sustainable enrolment applications.
- ✓ Engagement and service offerings to my previous schools inhouse activities such as memberships in “Appeals Committee”, “Research Committee” and “Recognition of Prior Learning (RPL) Committee”.

Professional Industry Experience

Board member of “Grana Energy Consulting Group Ltd.” Tehran, Iran, 2001-Current

Key Accomplishments

- ✓ Providing technical consultation to NIOC, MOP, MIMB in Iran, based on Tender announcements.
- ✓ Providing the Iranian petroleum and mining industry, through tenders, with their required equipment.

Geotechnical and Geophysical Engineer, Western Geotechnics Group
(now acquired by SGS), WA, Australia 2005–2007

Key Accomplishments

- ✓ Conducted various geotechnical investigations in metropolitan areas, as well as regional WA. The assigned geotechnical missions comprised of field visits, site works, analysis of the lab results and report production.
- ✓ Analysis of the test results produced by GPR (Ground Penetrating Radar), a geophysical soil investigations device, and interpretation of the readings to evaluate the porosity status of the sites for which the Geophysical investigations were conducted.
- ✓ Actively involved in 152 geotechnical projects across Western Australia from proposal writing to the final stage of report writing.

Geomatics management consultant and Geoinformation expert
Geological survey of Iran 2001-2002

Key Accomplishments

- ✓ Coordinated the process of digitization of mineral and petroleum index maps, as well as the geological, geophysical and geochemical maps of various scales.
- ✓ Establishment of a systemic procedure to facilitate the processes associated with fieldtrips for validation of ground control points, required for map digitization.
- ✓ 255 conventional maps of various scales were digitized and processed using ArcView and ArcGIS, during my 1-year consultancy offer in the position.

Awards

- Sept. 2008 Third place winner in SPE Annual technical conference and exhibition (ATCE), held in Denver, Colorado, USA.
- Apr. 2008 First place award winner of SPE regional paper contest held in Muscat, Oman leading to be among the final paper contestants in SPE Annual technical conference and exhibition (ATCE), held in Denver, Colorado, USA.
- Jan. 2007 First place award winner of SPE Middle East paper contest held in Tehran, Iran leading to be among the contestants in SPE regional contest, Muscat, Oman
- Jan. 2005 Australian Postgraduate Award (APA), Award NO.1515, Curtin University of Technology, Australia
- Sept. 2000 Netherlands Fellowship, International Institute for Aerospace and Earth Sciences (ITC), The Netherlands
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Membership in Professional societies

- Member of the Society of Petroleum Engineers (SPE)
 - Member of Society of Petrophysicists and Well Log Analysts (SPWLA)
 - Member of the Institution of Engineers of Australia (IEA) from 2000 to 2008
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Research Interests

- EOR Techniques; in particular thermal Recovery
 - Petroleum Economics, Prediction of Oil Price Fluctuations and Sensitivity Analysis of Influencing Parameters Employing Fuzzy Logic
 - Remote Sensing, GIS and Fuzzy Logic Applications in Petroleum Exploration
 - Environmental Issues Affecting Oil Industry, Change Detection and Assessment
 - Drilling optimization techniques
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