

Aftab Hussain Arain

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📍 Address: NED University of Engineering & Technology University Road, 75270 Karachi (Pakistan)

WORK EXPERIENCE

Assistant Professor

Department of Petroleum Engineering, NED University of Engineering & Technology [03/2018 – Current]

Address: Karachi (Pakistan)

Lecturer

Department of Petroleum Engineering, NED University of Engineering & Technology [04/2008 – 03/2018]

Address: Karachi (Pakistan)

Teaching Assistant

Department of Petroleum Engineering & Applied Geophysics, Norwegian University of Science & Technol [01/2015 – 04/2015]

Address: Trondheim (Norway)

EDUCATION AND TRAINING

Doctor of Philosophy (PhD) - Petroleum Engineering

Universiti Teknologi PETRONAS (UTP) [11/2018 – Current]

Address: Seri Iskandar (Malaysia)

Master of Science (MSc) - Petroleum Engineering (Specialization in Drilling Engineering)

Norwegian University of Science & Technology (NTNU) [09/2013 – 08/2015]

Address: Trondheim (Norway)

Post Graduate Research Fellowship

AGH University of Science & Technology [10/2009 – 03/2010]

Address: Krakow (Poland)

Bachelor of Engineering (BE) - Petroleum & Natural Gas Engineering

Mehran University of Engineering & Technology [01/2003 – 12/2006]

Address: Jamshoro (Pakistan)

NETWORKS AND MEMBERSHIPS

Memberships

Pakistan Engineering Council (PEC)

CONFERENCES AND SEMINARS

Conferences

- Organized and Participated in First International Conference on "Unconventional Hydrocarbon Resources (ICOUR-1)" held at Islamabad, Pakistan, May 30-31, 2016.

Seminars

- Organized and Participated in workshop on "Hydrocarbon Phase Behaviour and PVT Analysis" held at Department of Petroleum Engineering, NED University of Engineering & Technology, July 14-16, 2011.
- Organized and Participated in workshop on "Hydrocarbon Phase Behaviour and PVT Analysis" held at Department of Petroleum Engineering, NED University of Engineering & Technology, September 14-16, 2012.

PROJECTS

Projects

- "Theoretical study of Osmotic and Swelling Pressures with Experimental Investigation of Threshold Capillary Pressure in Shales" under the supervision of Mr. Andreas Bauer, Senior Scientist, SINTEF, Norway
- "Wellbore Strengthening in Shale" under the supervision of Mr. Andreas Bauer, Senior Scientist, SINTEF, Norway

CERTIFICATIONS

Certifications

- Training on "Incorporating Technology in Education (ITE)" by Higher Education Commission (HEC) at NED University of Engineering & Technology, April 18-30, 2011.
- Training on "Technical Writing with Latex" by Quality Enhancement Cell at NED University of Engineering & Technology, December 26-28, 2016.

COURSES

Courses

- Field Course of "Svalex 2014" at Svalbard, organized by Norwegian University of Science & Technology (NTNU), August 2014.