

**Address:** A-9, Row – A, Block – 3, Gulshan-e-Kaneez Fatima, Scheme-33, Gulzar-e-Hijri, Karachi - Pakistan

**Phone:** +92 300 2200 298

**Email:** [javedhaneef@yahoo.com](mailto:javedhaneef@yahoo.com), [javedh@neduet.edu.pk](mailto:javedh@neduet.edu.pk)

## QUALIFICATIONS

---

**2016** PhD Petroleum Engineering, University of Leeds, Leeds, UK

**2009** MEngg Petroleum Engineering, University of Alberta, Canada

**2002** Master in Computer Science (MCS), University of Karachi, Pakistan

**1999** Master in Petroleum Technology (MSc), University of Karachi, Pakistan

**1996** Bachelor in Mechanical Engineering, NED University of Engineering & Technology, Karachi – Pakistan.

## KEY COMPETENCIES

---

- Expert in Data Analysis and forecasting.
- Expert in laboratory experiments for evaluation of Petrophysical properties of reservoir rocks.
- Expert in development and operation of laboratory equipment related with reservoir engineering (Petrophysics and PVT).
- Member of Board of Studies of NED University, University of Karachi and IoBM (CBM).
- In-depth knowledge of software development
- Visiting lecturer in different universities.
- Expert in project planning and management.
- Technical paper reviewer.
- 20+ years of experience of industrial and teaching for engineering (petroleum engineering) courses.
- Conducted different technical workshops.
- Delivered lectures/talks in Pakistan and UK

## RESEARCH PROJECTS

---

- Research and development of Pakistan Energy outlook (PEO) 2019 with collaboration of Pakistan Petroleum Institute (PIP) and ministry of Petroleum Pakistan.
- Research and development of Pakistan Energy outlook (PEO) 2017 with collaboration of Pakistan Petroleum Institute (PIP), presented at Oil and Gas Conference at Islamabad.
- Research and development project “A detailed study of Asphaltene problem at Adhi field of Pakistan Petroleum Limited (PPL)” has been done (from Jan 2018 to July 2019) funded by PPL.

## WORK HISTORY

---

### **JAN 2006 – PRESENT**

NED UNIVERSITY OF ENGINEERING AND TECHNOLOGY, KARACHI

IN-CHARGE DEPARTMENT OF PETROLEUM ENGINEERING AND ASSISTANT PROFESSOR

Responsibilities include:

Teaching different courses:

- Enhanced Oil Recovery
- Programming and Applications
- Reservoir Simulations
- Reservoir Engineering
- Project Planning and Management
- Petrophysics and formation evaluation
- Acting as MEngg coordinator and managing all activities related with MEngg courses and teaching
- Performing research in reservoir engineering
- Working for commercialization of laboratories at department of Petroleum Engineering

### **JAN 2003– JAN 2006**

FUTURE PHYSICAL & MECHANICAL TESTINGS, DUBAI, UAE

OPERATION MANAGER & SR. QA ENGINEER (ENTREPRENEUR)

Responsibilities include:

- Manage and plan all inspection and certification activities.
- Prepare and implement procedures for ISO/IEC 17020 Quality System.
- Manage Internal Audits and their follow-ups.
- Manage Accreditation ISO audits with Dubai Municipality
- Manage Calibrations of testing equipments
- Collaboration with external firms
- Continuously up gradation and implementation of Quality Policy and Objectives.
- Manage records and their statistics.

### **Nov 1997 – Oct 1998**

SIEMENS ENGINEERING COMPANY, KARACHI

EXECUTIVE ENGINEER

Responsibilities include:

- Job Planning
- Material procurement with external firms.
- Parts manufacturing according to their drawings
- Give directions and mentoring to workers for using of different manufacturing machines like Shearing Machines, Bending Machines, Nibbling machines, Notching Machines, CNC Machines, etc for the manufacturing of parts.
- Modifications in drawings with the help of AUTOCAD 14, where required.

**MAR 1997 – OCT 1997**

CHARTERED CONSULTING ENGINEERS, KARACHI

ASSISTANT PROJECT ENGINEER

Responsibilities include:

- Managing work activities regarding HVAC installation and commissioning.
- Develop schedules and update as per progress
- Load calculation and verify the data as per design
- Prepare project reports and manage resources.

## **GEOGRAPHICAL EXPERIENCE**

---

- Middle East, UK and Pakistan

## **MEMBERSHIPS**

---

- Member of Society of Petroleum Engineers (SPE from 1997 to present)
- Member of Pakistan Engineering Council (PEC, life time member)
- Member of Canadian Society of Petroleum

## **JOURNAL PAPERS**

---

- 2017 Permeability of fault rocks in siliciclastic reservoirs: Recent advances, *Marine and Petroleum Geology, Volume 91, March 2018, Pages 29-42,*
- 2012 Permeability of Fault Rocks and Shale Caprocks: Where we stand. European Association of Geoscientists and Engineers (EAGE); 978-1-62993-780-9

## **JOURNAL PAPERS UNDER REVIEW**

---

- 2019 “Asphaltene detection and mitigation for ADHI Oil Field: an experimental approach”, under review.
- 2019 “Permeability impairment near wellbore due drilling fluid” under review.

## **PERSONAL BIO**

---

Date of Birth	August 1970
Citizenship	Pakistani
Marital Status	Married