
SOHAIL NAWAB

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Petroleum Engineer | Lecturer

Achievements

- Procured 'A' grade in matriculation and Intermediate, 2009 and 2011, respectively.
- Ranked 2nd in the poster competition in Petroposium, 2014
- Achieved merit certificate for the third position in Bachelor of Engineering, 2015.
- A laptop was awarded in Bachelor of Engineering for excellent performance, 2015.
- Achieved the first position in written test for a lectureship, 2016.
- Remarkd the best thesis project of master of engineering, 2018
- Supervised, SPE team and they got the fifth position in ADIPEC conference, Abu Dhabi, 2019.
- Managed to get the first position in Master of engineering, 2019.
- Secured 4.0 CGPA in Master's of Engineering in Petroleum Engineering, 2019.

Education

2017 - 2019	Master of Engineering (Petroleum Engineering) <i>Mehran University of Engineering & Technology, Jamshoro (Pakistan)</i> Achieved 4.00 CGPA
2012 - 2015	Bachelor of Engineering (Petroleum and Natural Gas Engineering) <i>Mehran University of Engineering & Technology, Jamshoro (Pakistan)</i> Merit Certificate for achieving 3rd position with 82.37% marks or 3.65 CGPA

Publications

- Nov 2018 - **Sohail Nawab**, Abdul Haque Tunio, Aftab Ahmed Mahesar and Imran Ahmed Hullio, "*Investigating the Behavior of Low Permeable Lean and Rich Gas Condensate Reservoirs*" International Journal of Current Engineering and Technology E-ISSN 2277 – 4106, P-ISSN 2347 – 5161. <https://doi.org/10.14741/ijcet/v.8.6.4>
- Nov 2018 - Imran A. Hullio*, Sarfraz A. Jokhio, Khalil Rehman Memon, **Sohail Nawab** and Khair Jan Baloch, "*Design and Economic Evaluation of the ESP and Gas Lift on the Dead Oil Well*" International Journal of Current Engineering and Technology E-ISSN 2277 – 4106, P-ISSN 2347 – 5161. <https://doi.org/10.14741/ijcet/v.8.6.5>
- June 2019 - Muhammad Rafique Arisar, Muhammad Zubair Hingoro, Faisal Najam Abro, **Sohail Nawab** and Imran Ahmed Hullio, "*Optimizing the Production from a Multizone Well by Selecting Appropriate Completion for a Well of Tal Block, Pakistan*" Vol. 9, No. 3, 2019, 4108-4111. <https://doi.org/10.48084/etasr.2677>
- Dec 2020 - Faisal Najam Abro, Abdul Haque Tunio, Muhammad Zubair, Imran Hullio, **Sohail Nawab** & Muhammad Ali . "*Experimental Study of Sugarcane Bagasse Ash and Corn Starch as Fluid Loss Additives in Oil-Based Drilling Mud*" International Journal of Current Engineering and Technology, E-ISSN 2277 – 4106, P-ISSN 2347 – 5161. <https://doi.org/10.14741/ijcet/v.10.6.6>

Conference papers

- Nov 2020 - Ameer Sial, Asim Memon, Ghaffar Baig and **Sohail Nawab**, "*Enhancement of Well Deliverability and Scrutinize the Proppant Discretion Based on Net Present Value*" Abu Dhabi International Petroleum Exhibition & Conference, 9-12 November, Abu Dhabi, UAE, **SPE-203356-MS**, <https://doi.org/10.2118/203356-MS>

Courses/Certificates

- DrillSim-50 and DrillSim-Educator Training by Dawood UET, Pakistan.
- QHSE level 1 & 2 by KS Drilling Pte Ltd.
- Drop Objects Prevention by KS Drilling Pte Ltd.
- Manual Handling by KS Drilling Pte Ltd.
- Confined Space Entry by KS Drilling Pte Ltd.
- JSA (Job Safety Analysis) by KS Drilling Pte Ltd.
- Stop Program by KS Drilling Pte Ltd.
- Four Days Indigenous Training for Faculty Professional Development.
- Well Performance with Gas lift using PROSPER.

- Well completion and workover job
- Student Professional Training.

Professional Experience

Dec 2016 - Current	<p>Lecturer (BPS-18)</p> <p><i>Institute of Petroleum & Natural Gas Engineering, Mehran UET, Jamshoro</i></p> <p>Subjects and practicals allocated till now:</p> <ul style="list-style-type: none"> ◦ Petroleum Production Engineering -I (7th semester) ◦ Instrumentation and Process Control (7th semester) ◦ Applied Thermodynamics (4th semester) ◦ Petroleum Geology & Geophysical Exploration (4th semester) ◦ Petroleum Reservoir Simulation (Practical) <p>Handling Q-OBE software of the institute.</p> <p>Co-curricular activities and Extra tasks:</p> <ul style="list-style-type: none"> ◦ As a teacher coordinator, I organizes and leads various social, educational and community events such as Big Event, Sports week etc. ◦ Moreover, I formulate the outcome based education (OBE) material in the institute.
Feb 2016 - Mar 2016	<p>Intern</p> <p><i>KS Drilling Pte Ltd.</i></p> <p>Aminah-1 well (PEL), Golarchi (Pakistan)</p> <ul style="list-style-type: none"> • Practically visualized various jobs such as cementing, well logging, Tubing Completion, Mud logging and surface testing. • Got the picture of Drilling Rig activities such as rig down, nipple up, scraping job and practically conducted the well inclination by MD totco devil device.
Jan 2016 - Jan 2016	<p>Intern</p> <p><i>Pakistan Petroleum Limited (PPL)</i></p> <p>Sui Gas Field, Balochistan (Pakistan)</p> <ul style="list-style-type: none"> • Visualized and shadowed with Engineers to evaluate the CAPEX Budget and technical evaluation for production department, observed and checked dimensions of well completion equipment through vernier caliper s in store for Well-96. • Sighted all operations at Drilling Rig H-725 for deepening. Moreover, recorded daily well monitoring and made the sheet. • At last, at metering stage, calculated the cost through numerical method and also via software.
July 2015 - July 2015	<p>Intern</p> <p><i>Oil and Gas Development Company Limited (OGDCL)</i></p> <p>Tando Alam Oil Complex, Sindh (Pakistan)</p> <ul style="list-style-type: none"> • Practically, performed jet pump reverse out job along with professional engineers at PASHAKI SATELLITE OIL field. Sampled and analysis the salt concentration in crude with the assistance of chemist. • Observed the productions log at Daru Gas Condensate field along with the condensate dispatch through bowsers.
Oct 2014 - Dec 2015	<p>Treasurer</p> <p><i>Society of Petroleum Engineers (Mehran U. Chapter)</i></p> <ul style="list-style-type: none"> • Organized and worked in a team to successfully conduct the regional events in smooth pace. Additionally, as a treasurer collected all receipts from organizers and made the records.
July 2014 - Aug 2014	<p>Intern</p> <p><i>BHP Billiton</i></p> <p>Head Office, Islamabad and Zamzama Gas/Condensate Field Juhi (Pakistan)</p>

- Got the first hand knowledge in petroleum software's under the supervision of chief engineers to know the well completion design and analyze the behavior of reservoir.
- Additionally, visualized and collected the samples for special core analysis and to make the daily record of different parameters at the purification plant.

Memberships

- Society of Petroleum Engineers (SPE) - Member ID: 4201793
- American Association of Petroleum Geologists (AAPG) -Member ID: 10119572

Skills

Leadership

- In Big Event 17 and 18; a community project, Led student groups to fulfill planned tasks to serve community.

Work well under pressure

- Provided assistance to Society of Petroleum Engineers team for ADIPEC, Abu Dhabi in a short time period- and they secured third position.
- Finalized all work of Outcome based education before accreditation.

MS Office

Excellent command in Excel, Word and power point.

Petroleum Softwares

Eclipse, FracCade and FrontSim

Adobe Photoshop

Graphically designs the flyers/posters for the events at institute.

Languages

English

Urdu

Sindhi
