

# Syed Imran Ali

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## EDUCATION

1. PhD (Chemical Engineering) - (May 2021- Nov 2024)
2. M Engg (Petroleum) – (2017-2019)  
NED University of Engineering & Technology. (Obtained CGPA 3.85)
3. B.E. Petroleum Engineering - (2007-2010)  
NED University of Engineering & Technology. (Obtained 78%, CGPA 3.7)
4. INTERMEDIATE- (2004-2006)  
Adamjee Govt. Science College.(Obtained 83%)
5. MATRICULATION- (2002-2004)  
B.V.S. Parsi High School. (Obtained 85%)

## WORK EXPERIENCE

**Lecturer and Researcher in Petroleum Engineering Department, NED University of Engineering & Technology (From January 2013 till Present)**

### Courses taught:

1. Fundamentals of Petroleum Engineering
2. Reservoir Fluid Properties
3. Reservoir Petrophysics
4. Computer programming and Applications
5. Petroleum Property, Environment & Safety Management
6. Project Planning & Management

### Administrative work Experience:

1. Class Advisor Final Year (October 2022- Present)
2. Assistant Manager / Research Associate, ORIC NED University. (April 2021-Present)
3. Certified Internal Auditor ISO 9000:2015 of University (December 2017 – Present)
4. Area Coordinator / Nominee of Quality Enhancement Cell (April 2014-Present)
5. Member of Health, Safety and Environment committee of Department (2020-Present)
6. Member of Board of Review of ORIC NED University. (2021-Present)

## PROJECTS

1. Successfully completed PhD Thesis Project on the “DEVELOPMENT OF DECISION SUPPORT SYSTEM FOR THE SELECTION OF CHEMICAL ADDITIVE TO CURE ASPHALTENE DEPOSITION PROBLEM IN OIL INDUSTRY” (Nov 2022 – Nov 2024)
2. Worked as an attached faculty member on a joint R&D project titled “A DETAILED STUDY OF ASPHALTENE PROBLEM AT ADHI FIELD” between NED University and Pakistan Petroleum Limited. (2018-2019)

3. Successfully completed Independent Study Project during Postgraduate Study on “CONTROLLING ASPHALTENES DEPOSITION ON OIL WELL USING CHEMICAL TREATMENTS.” (2018-2019)
4. Successfully completed Undergraduate project on WELL OPTIMIZATION-To cut down the drilling project cost in lower Indus Basin in coordination with BP(British Petroleum) Pakistan.(Project time duration was one year) (2010)
1. **Ali, S.I.**, Lalji, S.M., Awan, Z., Hashmi, S., Husain, N., Khan, F., Balobaid, A.S., Yahya, A., Burney, M., Qasim, M., Asad, M., Junaid, M., Understanding live oil composition effect on asphaltene precipitation as a function of temperature change during depressurization using machine learning techniques, *Chemical Papers*, 2024.
2. Lalji, S.M., **Ali, S.I.**, Ayubi, M., Burney, M., Mustafa, M., Introducing a novel nano-based drilling fluid: synergic use of murree shale, titanium dioxide, and graphene oxide nanoparticles, *Multiscale and Multidisciplinary Modeling, Experiments and Design* 8 (1), 1-21, 2025.
3. Kanwal, F., Lalji, S.M., **Ali, S.I.**, Burney, M., Tariq, M.O., Ahmed, L.H., Khan, U.A., Sheikh, A., Salman, M., Flaxseed mucilage—a green additive for the enhancement of water-based mud system characteristics. *Arabian Journal of Geosciences*, 17(10), 256, 2024.
4. Lalji, S.M., **Ali, S.I.**, Lashari, Z.A., Panjwani, S.K., Burney, M., Performance evaluation of Si/Fe<sub>3</sub>O<sub>4</sub> nanoparticles in water-based mud in presence of different Mg<sup>2+</sup>, K<sup>+</sup>, Na<sup>+</sup> salts: experimental and stability visualization study, *Chemical Papers* 78, 8379–8396, 2024.
5. Khan, M.A., Lalji, S.M., **Ali, S.I.**, Li, M., Burney, M., Application of Hydrothermal Synthesized Titanium Dioxide-Doped Multiwalled Carbon Nanotubes on Filtration Properties—Response Surface Methodology Study, *ACS Omega* 9(32), 34765–34776, 2024.
6. Lalji, S.M., **Ali, S.I.**, Khan, M.A., Li, M., Burney, M., Combined effect of quaternary amine [NR<sub>4</sub>]<sup>+</sup> solution and Polyanionic cellulose on shale inhibition behaviour, *Chemical Papers*, 2024.
7. Lalji, S.M., **Ali, S.I.**, Ali, S.M., Zia, Y.K., Burney, M., Yousufi, M.M., Asad, M., Junaid, M., Investigation of silica coated iron oxide nanoparticles and activated carbon as a potential fluid loss additive and Pakistan shale inhibitor in water-based mud system coupled with advance image processing technique, *Chemical Papers* 78, 5615–5628, 2024.
8. Asad, M., Lalji, S.M., **Ali, S.I.**, Ahmed, H., Ahmed, M., Burney, M., Influence of green chemicals, biopolymers, and nanoparticles on torque and drag forces during drilling activity, *Chemical Papers* 78, 5315–5326, 2024.
9. **Ali, S.I.**, Lalji, S.M., Ahsan, U., Ali, S.M., Zia, Y.K., Hussain, S., Burney, M., Qasim, M., Arfeen, Z.A., Predicting asphaltene adsorption on Fe<sub>3</sub>O<sub>4</sub> nanoparticle using machine learning algorithms, *Arabian Journal of Geosciences* 17 (4), 143, 2024.
10. Haider, G., Lalji, S.M., **Ali, S.I.**, Abbasi, F.A., Burney, M., Synthesis of coal-biomass blended fuel through coal-wet briquetting technology, *Arabian Journal of Geosciences* 17 (4), 111, 2024.
11. Lashari, Z.A., Lalji, S.M., **Ali, S.I.**, Kumar, D., Khan, B., Tunio, U., Physiochemical analysis of titanium dioxide and polyacrylamide

- nanofluid for enhanced oil recovery at low salinity, *Chemical Papers*, 1-9, 2024.
12. Lalji, S.M., **Ali, S.I.**, Lashari, Z.A., Synthesized silica-coated iron oxide nanoparticles and its application as rheology modifier in water-based drilling fluid, *Chemical Papers*, 1-11, 2024.
  13. **Ali, S.I.**, Haneef, J., Awan, Z., Development of decision support system for the selection of chemical additive to cure asphaltene deposition problem in oil industry, *Chemical Papers* 78 (4), 2339-2357, 2024.
  14. **Ali, S.I.**, Lalji, S.M., Ali, S.M., Zia, Y.K., Husain, N., Yousaf, N., Balobaid, A.S., Yahya, A., Awan, Z., Risk ranking of rig up operation activities using multi-criteria decision-making methods based on fuzzy environment, *Journal of Engineering Research*, 2024.
  15. **Ali, S.I.**, Lalji, S.M., Haider, S.A., Haneef, J., Syed, A., Husain, N., Yahya, A., Rashid, Z., Risk prioritization in a core preparation experiment using Fuzzy Vikor integrated with Shannon Entropy Method, *Ain Shams Engineering Journal*, 15(2), 102421, 2024.
  16. **Ali, S.I.**, Lalji, S.M., Hashmi, S., Awan, Z., Iqbal, A., Al-Ammar, E.A., Gull, A., Risk quantification and ranking of oil fields and wells facing asphaltene deposition problem using fuzzy TOPSIS coupled with AHP, *Ain Shams Engineering Journal*, 15(1), 102289, 2024.
  17. Lalji, S.M., **Ali, S.I.**, Khan, M.A., Study of rheological characteristics of a water-based drilling fluid in presence of biopolymers, synthetic polymer, and modified natural polymer, *Petroleum Chemistry* 63 (8), 906-916, 2023.
  18. Lalji, S.M., **Ali, S.I.**, Asad, M., Junaid, M., Earth's Magnetic Declination Error Influence on Wellbore Positioning in Pakistan Region and Norwegian Sea. Case Study, *Geomagnetism and Aeronomy* 63 (Suppl 1), S59-S70, 2023
  19. **Ali, S.I.**, Lalji, S.M., Haneef, J., Yousufi, M., Bashir, K., Sohail, S., Cheema, L.S., HSE hazard ranking of chemicals related to Petroleum Drilling Laboratory of University using Fuzzy TOPSIS, *OPSEARCH*, 60 (3), 1386-1406, 2023.
  20. Lalji, S.M., **Ali, S.I.**, Hussain, S., Ali, S.M., Lashari, Z.A., Variations in cold flow and physical properties of Northern Pakistan gas condensate oil after interacting with different polymeric drilling mud systems, *Arabian Journal of Geosciences*, 16, 477, 2023.
  21. Lalji, S.M., **Ali, S.I.**, Ullah, R., Ali, S.M., Zia, Y.K., Ghauri, R., Ahmed, A., Experimental investigation of rheological behaviour and stability of mud system using novel image processing application in presence of activated carbon and silica-coated iron oxide nanoparticles, *Applied Nanoscience*, 13 (9), 6405-6420, 2023.
  22. **Ali, S.I.**, Lalji, S.M., Awan, Z., Qasim, M., Alshahrani, T., Khan, F., Ullah, S., Ashraf, A., Prediction of asphaltene stability in crude oils using machine learning algorithms, *Chemometrics and Intelligent Laboratory Systems*, 235, 104784, 2023.
  23. **Ali, S.I.**, Lalji, S.M., Awan, Z., Khan, M.A., Khan, F., Alshahrani, T., Balobaid, A.S., Evaluation of different parameters affecting the performance of asphaltene controlling chemical additives in crude oils using multiple experimental approaches assisted with image processing

- technique, *Geoenergy Science and Engineering*, 225, 211676, 2023.
24. **Ali, S.I.**, Lalji, S.M., Rizwan, M., Awan, Z., Hashmi, S., Rasool, S.D., Factorial Analysis of Experimental Parameters Effecting Asphaltene Precipitation in Dead Crude Oils, *Arabian Journal for Science and Engineering*, 2023.
  25. Lalji, S.M., **Ali, S.I.**, Yousufi, M.M., Sultan, M.A., Fatima, K., Misbah, A.R., Factorial analysis for the impact on filtration properties of water-based drilling fluid after the addition of graphene oxide, pure-bore, and sodium alginate, *Arabian Journal of Geosciences*, 16, Article number: 132, 2023.
  26. Lalji, S.M., **Ali, S.I.**, Khan, M.A., Asad, M., Statistical approach used to evaluate the performances of different diffusion correlations in modeling Pakistan shale swelling characteristics, *Chemical Papers*, 77 (8), 4705-4717, 2023.
  27. Lalji, S.M., **Ali, S.I.**, Khan, M.A., Ghauri, R., Investigation of rheological behavior, filtration characteristics and microbial activity of biopolymer water-based drilling fluids containing monovalent and divalent cations, *Chemical Papers*, 77 (8), 4693-4704, 2023.
  28. Lalji, S.M., **Ali, S.I.**, Asad, M., Experimental Effect of Biopolymers, Synthetic and Modified Polymers on Western Pakistan Shale (GHAZII) Stability, *Arabian Journal for Science and Engineering*, 48 (12), 16639-16653, 2023.
  29. **Ali, S.I.**, Lalji, S.M., Awan, Z., Hashmi, S., Khan, G., Asad, M., Comprehensive performance analysis of kinetic models used to estimate asphaltene adsorption kinetics on nanoparticles, *Chemical Papers* volume 77, 1017–1031, 2023.
  30. Lalji, S.M., Khan, M.A., Haneef, J., **Ali, S.I.**, Arain, A.H., Shah, S.S., Nano-particles adapted drilling fluids for the swelling inhibition for the Northern region clay formation of Pakistan, *Applied Nanoscience*, 13, 503–517, 2023.
  31. Lalji, S.M., **Ali, S.I.**, Sohail, H., Misbah, A.R., Azam, K., Navaid, N., Combine effect of graphene oxide, pure-bore and sodium alginate on rheological and filtration properties and cutting carrying capacity of water-based drilling fluid, *Chemical Papers*, 76, 6461–6473, 2022.
  32. Lalji, S.M., **Ali, S.I.**, Ahmed, R., Hashmi, S., Awan, Z., Comparative performance analysis of different swelling kinetic models for the evaluation of shale swelling, *Journal of Petroleum Exploration and Production Technology*, 12, 1237–1249, 2022.
  33. Lalji, S.M., **Ali, S.I.**, Ahmed, R., Hashmi, S., Awan, Z., Jawed, Y., Study the effects of mineral content on water diffusion mechanism and swelling characteristics in shale formations of Pakistan, *Arabian Journal of Geosciences* volume, 15, Article number: 864, 2022.
  34. **Ali, S.I.**, Lalji, S.M., Awan, Z., Hashmi, S., Noman, M., Yousaf, N., Performance analysis of kinetic models in predicting asphaltene precipitation rate under different conditions of temperature and percentage of precipitant molecular weight, *Arabian Journal of Geosciences*, 15, Article number: 1475, 2022.
  35. **Ali, S.I.**, Lalji, S.M., Haneef, J., Tariq, S.M., Junaid, M., Ali, S.M.A.,

- Determination of Asphaltene Stability in Crude Oils Using a Deposit Level Test Coupled with a Spot Test: A Simple and Qualitative Approach, ACS Omega, 7, 16, 14165–14179, 2022.
36. **Ali, S.I.**, Lalji, S.M., Haneef. J., Tariq, S.M., Zaidi, S.F., Anjum, M., Performance evaluation of asphaltene inhibitors using integrated method—ADT coupled with spot test, Arabian Journal of Geosciences volume 15, Article number: 674 (2022).
  37. Lalji, S.M., **Ali, S.I.**, Haneef. J., Quraishi, R., Kapadia, A., Jawaid, H., Changes in Pakistan crude oil properties contaminated by water-based drilling fluids with varying KCL concentrations, Chemical Papers 76, 4189–4201, 2022.
  38. Lalji, S.M., **Ali, S.I.**, Ahmed, R., Hashmi, S., Awan, Z., Qazi, S.W.A., Influence of graphene oxide on salt-polymer mud rheology and Pakistan shale swelling inhibition behavior, Arabian Journal of Geosciences volume 15, Article number: 612 (2022).
  39. **Ali, S.I.**, Lalji, S.M., Haneef. J., Khan, M.A., Yousufi, M., Yousaf, N., Saboor, A., Phenomena, factors of wax deposition and its management strategies, Arabian Journal of Geosciences volume 15, Article number: 133 (2022).
  40. Lalji, S.M., **Ali, S.I.**, Awan, Z., Jawed, Y., Tirmizi, S.T., Louis, C., Development of modified scaling swelling model for the prediction of shale swelling, Arabian Journal of Geosciences, Volume 15, Article number: 353 (2022).
  41. **Ali, S.I.**, Haneef, J., Tirmizi, S.T., Lalji, S.M., Hezam, A.N.S., Prediction of Asphaltene Precipitation Envelope (APE) Using Empirical Equations and Equation of State Model, Petroleum Chemistry, 61(11), 1217-1227, 2021.
  42. Saboor, A., Yousaf, N., Haneef, J., **Ali, S.I.**, Lalji, S.M., Performance of asphaltene stability predicting models in field environment and development of new stability predicting model (ANJIS), Journal of Petroleum Exploration and Production Technology, 12, 1423–1436 2022.
  43. **Ali, S.I.**, Awan, Z., Lalji, S.M., Laboratory evaluation experimental techniques of asphaltene precipitation and deposition controlling chemical additives, Volume 310, Part A, 15 February 2022, 122194.
  44. Lalji, S.M., **Ali, S.I.**, Awan, Z., Jawed, Y., A novel technique for the modeling of shale swelling behavior in water-based drilling fluids Journal of Petroleum Exploration and Production Technology volume 11, 3421–3435, 2021.
  45. **Ali, S.I.**, Lalji, S.M., Haneef, J. et al. Asphaltene precipitation modeling in dead crude oils using scaling equations and non-scaling models: comparative study. J Petrol Explor Prod Technol 11, 3599–3614, 2021.
  46. **Ali, S.I.**, Lalji, S.M., Haneef. J., Ahsan, U., Tariq, S.M., Tirmizi, S.T., Shamim, R., Critical analysis of different techniques used to screen asphaltene stability in crude oils, Fuel, Volume 299, 1st September 2021, 120874.
  47. **Ali, S.I.**, Lalji, S.M., Haneef. J., Khan, M.A., Louis, C., Comprehensive Analysis of Asphaltene Stability Predictors under Different Conditions,

**INTERNATIONAL  
CONFERENCE  
RESEARCH  
PUBLICATIONS**

- Petroleum Chemistry, 61, 446–454, 2021.
48. **Ali, S.I.**, Lalji, S.M., Haneef, J., Ahsan, U., Khan, M.A., Yousaf, N., Estimation of asphaltene adsorption on MgO nanoparticles using ensemble learning, *Chemometrics and Intelligent Laboratory Systems*, Volume 208, 2021, 104220.
  49. Khan, M.A., Haneef, J., Lalji, S.M., **Ali, S.I.**, Experimental study and modeling of water-based fluid imbibition process in Middle and Lower Indus Basin Formations of Pakistan. *J Petrol Explor Prod Technol* (2021).
  50. Lalji, S.M., Haneef, J., Khan, M.A., **Ali, S.I.**, Demagnetizing the drill string magnetic interference in Far North and in Pakistan. *Journal of Petroleum Exploration and Production Technology*. 10. 2019.
1. Tirmizi, S.T., Hussain, A., **Ali, S.I.**, Louis, C., Tirmizi, S.R.U.H., Lalji, S.M., Malik, A., Arfeen, Z.A., Blockchain Technology in Energy Storage Systems, Presented in SPE Annual Technical Conference and Exhibition, New Orleans, Louisiana, USA, September 2024.
  2. Khan, M.S., , M.A., Louis, C., Manzoor, A.A., **Ali, S.I.**, Lalji, S.M., Uddin Ali Khan, Ali, S.M.A., Haneef, J., Abbasi, F.A., Yousaf, N., Empathetic Leadership and Purpose-Driven Strategies in the Global CCUS Landscape - Deliberating the Economic Feasibility and Prudent Risk Mitigation for the Implementation of CCUS within the North American and Global Ecosystem - Scrutinizing Ecosystem Consequences and Alleviating HS Hazards, with an Emphasis on Rigorous Well Testing and Enhanced Safety Protocols, Paper presented at the International Petroleum Technology Conference, Dhahran, Saudi Arabia, February 2024. <https://doi.org/10.2523/IPTC-23670-MS>
  3. Uddin Ali Khan, M.A., Louis, C., Manzoor, A.A., **Ali, S.I.**, Lalji, S.M., Ali, S.M.A., Haneef, J., Abbasi, F.A., Khan, M.S., Tirmizi, S.T., Kamran, M., How Corporations Succeed by Solving World's Toughest Problems - Tackling Climate Change with an Elite Business Research Consortium and AI-Enhanced Leadership: Decision-Making Endeavor in the Face of Climate Change, Paper presented at the International Petroleum Technology Conference, Dhahran, Saudi Arabia, February 2024. <https://doi.org/10.2523/IPTC-24189-MS>
  4. Khan M.A., Ayesha, Siddiqui, R., Lalji, S.M., **Ali, S.I.**, Haneef, J., Abbas, M.A., Extraction of Halophytic Oil and its Application in the Formulation Of Oil-Based Mud System, Paper presented at the International Petroleum Technology Conference, Dhahran, Saudi Arabia, February 2024. <https://doi.org/10.2523/IPTC-24212-MS>
  5. Ali, S.M.A., Zaidi, S.F., Louis, C., Anjum, M., **Ali, S.I.**, Haneef, J., Lalji, S.M., Shabeer, A., Sustainable Economic Strategies for Corporate CEOs: AI-Driven Leadership in Driving Innovation, Growth, Safety, Sustainability, and Climate Change Resilience to Save Lives and Our Planet -A Comprehensive Comparative Policy Analysis on Unlocking Pakistan's Geothermal Potential, Paper presented at the ADIPEC, Abu Dhabi, UAE, October 2023. <https://doi.org/10.2118/216413-MS>
  6. Ali, S.M.A., Zaidi, S.F., **Ali, S.I.**, Louis, C., Lalji, S.M., Haneef, J., Ali, S.M., Chemical Inhibitors for Asphaltene Control in the Oil Industry. a

Comprehensive Review Of Laboratory Experimental Techniques And Performance Evaluation. (Accepted and To be presented in Abu Dhabi International Petroleum Exhibition and Conference (ADIPEC) at Abu Dhabi, UAE to be held from October 2–5, 2023))

7. Khan, M.A., Sheikh, M.A., Salman, M., Lalji, S.M., **Ali, S.I.**, Li, M.C., Lv, K., Sun, J., TARO MUCILAGE as green inhibitor in water-based drilling fluid to modify the rheological and filtration properties and mitigating shale swelling characteristics, Paper presented at the ADIPEC, Abu Dhabi, UAE, October 2023. <https://doi.org/10.2118/216605-MS>
8. Khan, M.A., Aamir, M., Asad, M., Junaid, M., Lalji, S.M., **Ali, S.I.**, Ahmed, H., Lashari, Z.A., Lv, K., Li, M.-C., Sun, J., Investigation The Effect Of Salt, Polymer And Magnetic Nanoparticles On Critical Drilling Parameters—Coupled With Novel 3D Image Processing Technique, Paper presented at the ADIPEC, Abu Dhabi, UAE, October 2023. <https://doi.org/10.2118/216585-MS>
9. Anjum, M., **Ali, S.**, Lalji, S., Carbon Capture and Storage (CCS) Technologies for the Oil and Gas Industry: A Comprehensive Literature Review (Presented in ACS FALL 2023 --Harnessing the Power of Data at San Francisco, USA to be held from August 13–17, 2023) <https://doi.org/10.1021/scimeetings.3c10087>
10. Siddiqui, M.A., Tariq, A.M., Haneef, J., **Ali, S.I.**, Manzoor, A.A., Asphaltene Stability Analysis for Crude Oils and their relationship with Asphaltene Precipitation Models for a Gas Condensate Field – SPE 194706 was presented at 21<sup>st</sup> Middle East Oil and Gas Show and Conference on March 2019 in Manama, Bahrain. <https://doi.org/10.2118/194706-MS>

**REVIEWER OF  
INTERNATIONAL  
JOURNALS**

1. Fuel, Elsevier
2. Engineering Applications of Artificial Intelligence, Elsevier
3. Scientific Reports, Springer Nature
4. Energy & Fuels, American Chemical Society
5. Ain Shams Engineering Journal, Elsevier
6. Result in Engineering, Elsevier

**SOFTWARE  
SKILLS**

IMAGEJ, PVTsim, MULTIFLASH, CMG, PROSPER, PYTHON, Power Bi, MS Office, MS Project, and Google Colab

**LAB EXPERIENCE**

1. Flow Assurance (Asphaltene test) Lab
2. Drilling Engineering Lab
3. Reservoir Petrophysics Lab
4. PVT Lab

**TECHNICAL  
CONFERENCES/  
SEMNARS/  
WORKSHOPS  
ATTENDED**

1. Certified Training course on ACS Author Lab of American Chemical Society, 2023.
2. Certified Training course of Foundations for Storing, Organizing and Disposing of Chemicals in Educational Settings of American Chemical Society (ACS), 2023.
3. Certification course on ACS Reviewer Lab of American Chemical Society, 2023.
4. Presented a technical paper titled as, “Asphaltene Stability Analysis for Crude Oils and their relationship with Asphaltene Precipitation Models

for a Gas Condensate Field” – SPE 194706 was presented at 21<sup>st</sup> Middle East Oil and Gas Show and Conference on March 20<sup>th</sup>, 2019 in Manama, Bahrain.

5. Completed workshop on Faculty Development Programme held on 15<sup>th</sup> - 31<sup>st</sup> January 2018.
6. Successfully completed Lead Auditor certified training course (Based in ISO 9001:2015) offered by Lloyd’s Register on 24<sup>th</sup> -28<sup>th</sup> April 2017.
7. Short Term Training at Norwegian University of Science and Technology, Norway in August 2016-September 2016.
8. Two day workshop under the umbrella of President’s programme for care of Highly Qualified Overseas Pakistanis (PPQP) on ”Formation Evaluation using Petrophysical Modelling tools” by Dr. Amjad Ali Shah UK on 22<sup>nd</sup> -23<sup>rd</sup> December 2015.

**UNIVERSITY  
ADMINISTRATIVE  
TRAININGS  
ATTENDED**

1. Certification of attending training on Administrating Computer Labs organized by Quality Enhancement Cell at NED University
2. Duties and Responsibilities of Class Advisor.
3. Outcome Based Education (OBE)
4. Quality Standard 9001:2015
5. Quality Assurance (QA) through Institutional Performance Evaluation (IPE) - Common Practices and Good Practices
6. Effective Teaching practices.
7. Duties and Responsibilities of Department area coordinator.
8. Ingredients of Successful academic career.

**AWARDS**

1. Best Researcher Award from NED University in year 2024.
2. Best Teacher Award from NED Alumni Association of Southern California, USA in year 2023.
3. Best Researcher Award from NED University in year 2023.
4. Best Research Publication Award from NED Alumni Association of Southern California, USA in year 2022.
5. Best Researcher Award from NED University in year 2022.
6. Financial rewards for publishing research papers in year 2021, 2022 and 2023.

**PERSONEL SKILLS**

1. Possess excellent communication and writing skills.
2. Possess excellent research skills.
3. Self-driven, responsible and committed to achieve.
4. Able to work independently and in team.
5. Able to manage priorities and tasks.
6. Motivated and goal oriented.

**HOBBIES**

Research, Sports, Social activities and Travelling.

**PROFESSIONAL  
AFFILIATIONS**

1. Pakistan Engineering Council (PEC) (Registration no # PETGAS/01223)
2. Society of Petroleum Engineers (SPE) (Membership No # 5252063)
3. Member of Board of Review (BoR) of Office of Research, Innovation and Commercialization (ORIC), NED University of Engineering & Technology)
4. American Chemical Society (Membership No # 32349961)