

CURRICULUM VITAE

PROF. IBRAHIM SAMI NASHAWI

**Petroleum Engineering Department
College of Engineering & Petroleum
Kuwait University**

A. CONTACT INFORMATION

Mailing address: P.O. Box 5969, Safat 13060, Kuwait
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B. PERSONAL

Date of Birth: 3 November 1956
Marital Status: Married – 3 children
Languages: Arabic, English, and French

C. ACADEMIC QUALIFICATIONS

<u>Graduation Date</u>	<u>Degree</u>	<u>University</u>
March 1989	Doctor of Engineering (D.E.) Petroleum Engineering	Louisiana Tech University, USA
<u>Dissertation:</u> “Short-Term Analysis Technique for Pressure Buildup Test Using Simultaneously Measured Transient Sandface Flow Rate and Pressure.”		
May 1987	M.Sc., Applied Mathematics	Louisiana Tech University, USA
August 1983	M.Sc., Petroleum Engineering	Louisiana Tech University, USA
<u>Thesis:</u> “Laboratory Investigation of the Effects of Brine Composition on Polymer Solutions.”		
November 1981	B.Sc., Petroleum Engineering	Louisiana Tech University, USA

D. ACADEMIC EXPERIENCE

<u>Date</u>	<u>Position</u>
2018 – 2024	Coordinator of “Engineering Probability and Statistics” College of Engineering & Petroleum, Kuwait University.
2014 – 2019	Vice Dean for Academic Affairs College of Graduate Studies, Kuwait University, Kuwait.
2014 – 2019	Acting Dean of Graduate Studies, Kuwait University, Kuwait. I held the post of Dean of Graduate Studies on many occasions when the Dean was on scientific missions and/or vacations.
6/2016 – 1/2017	Acting Vice Dean for Student Affairs in addition to my actual position as Vice Dean for Academic Affairs College of Graduate Studies, Kuwait University, Kuwait.
2011 – Present	Professor Department of Petroleum Engineering, Kuwait University, Kuwait.
2000 – 2011	Associate Professor – Graduate Faculty Member Department of Petroleum Engineering, Kuwait University, Kuwait.
2004 – 2006	Director of the Graduate Program Department of Petroleum Engineering, Kuwait University, Kuwait.
2003 – 2013	Coordinator of “Engineering Probability and Statistics” College of Engineering & Petroleum, Kuwait University.
Fall 2002/2003	Secondment The Public Authority for Applied Education and Training, Kuwait.
1994 – 2000	Assistant Professor Department of Petroleum Engineering, Kuwait University, Kuwait.
1989 – 1994	Instructor Department of Chemical & Petroleum Engineering, United Arab Emirates (U.A.E.) University, Al-Ain, U.A.E.
1988 – 1989	Assistant Professor Department of Mathematics and Computer Science, Grambling State University, Grambling, Louisiana, USA.
1982 – 1989	Graduate Teaching/Research Assistant Department of Petroleum Engineering & Geosciences, Louisiana Tech University, Ruston, Louisiana, USA.

E. INDUSTRIAL EXPERIENCE

<u>Date</u>	<u>Position</u>
1977 – 1978	Assistant Engineer Tapline Refinery, Sidoun, Lebanon.

F. SPECIAL DUTIES, PETROLEUM ENGINEERING DEPARTMENT, KUWAIT UNIVERSITY

2019	Preparation of the self-study report concerning the evaluation of the Petroleum Engineering Program by ABET.
2012	Preparation of the self-study report concerning the evaluation of the Petroleum Engineering Program by ABET.
2008	Preparation of the response document concerning the evaluation of the Petroleum Engineering Program by ABET.
1995	Preparation of the response document concerning the evaluation of the Petroleum Engineering Program by ABET.

G. EXTRA-CURRICULAR ACTIVITIES

1. Member of the organizing committee. "Post Graduate Studies and Scientific Research in the Arab Gulf Countries, Present Challenges and Future Anticipations." 1-2 November 2016, Kuwait.
2. Member of the organizing committee. Fourth Kuwait International Petroleum Conference and Exhibition (KIPCE), SPE, 10-12 December 2012, Kuwait.
3. Chairman of the program committee. Fourth Kuwait International Petroleum Conference and Exhibition (KIPCE), SPE, 10-12 December 2012, Kuwait.
4. Session Chair. SPE Middle East Oil & Gas Show and Conference (MEOS), 2011, Manama, Bahrain.
5. Member of the conference scientific committee. Third Kuwait International Petroleum Conference and Exhibition (KIPCE), SPE, 14-16 December 2009, Kuwait.
6. Session Chair. Third Kuwait International Petroleum Conference and Exhibition (KIPCE), SPE, 14-16 December 2009, Kuwait.
7. Technical Editor for SPE Reservoir Evaluation and Engineering Journal.
8. Session Chair. Fourth International Conference on Energy Research & Development (ICERD-4), 2008, Kuwait.
9. Session Chair. SPE Middle East Oil & Gas Show and Conference (MEOS), 11-14 March, 2007, Manama, Bahrain.
10. Member of the conference scientific committee. The Second International Conference on Engineering Education & Training (ICEET), 2007, Kuwait.
11. Session Chair. The Second International Conference on Engineering Education & Training (ICEET), 2007, Kuwait.
12. Member of the conference scientific committee. Second Kuwait International Petroleum Conference and Exhibition (KIPCE), 10-12 December 2005, Kuwait.

13. Session Chair. Second Kuwait International Petroleum Conference and Exhibition (KIPCE), 10-12 December 2005, Kuwait.
14. Invited speaker, SPE Kuwait Section, seminar title: "Pressure Transient Analysis of Gas Wells Producing at Constant-Bottomhole Pressure," October 28, 2003.
15. Member of the conference scientific committee. First Kuwait International Petroleum Conference and Exhibition (KIPCE), 14-16 December 2002, Kuwait.

H. SUPERVISION/CO-SUPERVISION OF MASTER (M.SC.) THESES & PROJECTS

1. "Integrated Workflow to Optimize the Design of Multilateral Wells," Nuha Mohammed Al-Sultan, 2025.
2. "Decline Curves of Reservoir Composed of Two Non-Communicating Naturally Fractured and Homogenous Layers," Bashayer Abdullah Alarouj, 2024.
3. "The Impact of Partially Naturally Fractured Reservoirs on Water Flooding Performance," Maryam Marafy, 2023.
4. "Inflow Performance Relationship of Horizontal Wells Producing from Partially Naturally Fractured Reservoirs under Solution-Gas Drive, Hussain Ali Al-Mazidi, 2023
5. "Waterflood Optimization in a Complex Sandstone Reservoir Using Reservoir Simulation Modeling," Fahad Zaid Al-Mutairi, 2022.
6. "Well Placement Optimization of Infill Producer Using Upscaling Wavelet Transform in Two-Dimensional Heterogeneous Reservoirs under Waterflooding," Amna Jassem Alashwak, 2019.
7. "Enhancing an Unconventional Shallow Heavy Oil Reservoir Deliverability/ Production Using Different Development Scenarios," Bashayer Dashti, 2018.
8. "Inflow Performance Relationships for Horizontal Wells Producing from Naturally Fractured Solution Gas-Drive Reservoirs," Shaikha Shaker Al-Ballam, 2016.
9. "Prediction of Crude Oil Production Using Multi-Cyclic Hubbert Model," Mohammed Al-Bisharah, 2008.
10. "Nonparametric Optimal Transformation Models for the Prediction of Water Influx of Edge-Water Drive Reservoirs," Jassim A. Al-Ghanim, 2008.
11. "Calculation of Skin Factor of Partially Penetrating Wells," Abdulaziz Najaf, 2007.
12. "Investigation of Water Coning Behavior in a Well Completed in an Active Bottom-Water Drive Reservoir Using Analytical and Numerical Simulation Models," Ealian Hussain Al-Anzi, 2006.

13. "Dynamic Simulation of Atmospheric Hydrodesulfurization Reactors," Abdul-Rehman Al-Enezi, 2005.
14. "Pressure Transient Analysis of Hydraulically Fractured Wells," Abdulaziz S. Al-Dhuwaih, 2005.

I. THESIS CONVENER/EXAMINATION COMMITTEE MEMBER

1. "An Experimental Study of Enhanced Oil Recovery in Wara Formation – Burgan Field," Asmaa Mohammed Jassim Al-Saeedi, Convener, 2024.
2. "Compositional Simulation Analysis of Miscible and Immiscible Gas Injection to Unlock the Potential of Tight Carbonate Reservoir of Middle East," Reem Salah Al-Abbas, Convener, 2024.
3. "Deliverability of Gas Wells: Backpressure, Forchheimer, and Numerical Models, Omar M. Shaaban, Convener, 2024.
4. "Parametric Study on Steam Injection Heavy Oil Recovery in Heterogeneous Carbonate Reservoir," Heba Mohammed Al-Adwani, Committee member, 2019.
5. "Robust Intelligent Methods for Predicting Drilling Rate for a Reservoir in the Middle East Area," Rania Mohammed Hussain, Convener, 2018.
6. "Designing a Simultaneous Water Alternating Gas Process for Optimizing Oil Recovery," Wafaa A. Al-Ghanim, Convener, 2006.
7. "Development of an Expert System for Formation Damage Diagnosis," Makeya Mahail Elenizy, Convener, 2005.
8. "Data Collection through Synergy of Downhole Surveys and Production Optimization Using Well Testing and Nodal Analysis: Case Studies," Qasem Mohammed Al-Dashti, Committee member, 2004.
9. "Modeling Formation Damage Caused by Asphaltene Deposition," Feras Ahmad Al-Ruhaimani, Committee member, 2004.

J. HONORS AND AWARDS

1. Research Publication Incentive Award from the Research Administration at Kuwait University for the paper entitled: "Forecasting World Crude Oil Production Using Multicyclic Hubbert Model," May 2010 **(333 citations, Nov. 2025)**
2. International WHO'S WHO of Professionals
3. Pi Epsilon Tau, Petroleum Engineering Honor Society
4. Mathematical Honor Society
5. Graduate Faculty Member
6. Louisiana Tech University, recipient of several grants and scholarships for outstanding scholastic and research achievements.

K. TEACHING EXPERIENCE (Courses Taught at Kuwait University)**Graduate Courses**

1. PE 650-523 Production Well Logging
2. PE 650-529 Well Completions and Workover
3. PE 650-539 Advanced Well Testing
4. PE 650-545 Economic Evaluation of Petroleum Reservoirs

Undergraduate Courses

5. PE 650-210 Introduction to Petroleum Engineering
6. PE 650-241 Fluid Mechanics
7. PE 650-301 Fundamentals of Petroleum Engineering
8. PE 650-312 Petroleum Industry
9. PE 650-323 Phase Behavior of Reservoir Fluids
10. PE 650-324 Petroleum Reservoir Engineering
11. PE 650-325 Fluid Flow in Porous Media
12. PE 650-342 Mud and Cement Laboratory
13. PE 650-352 Subsurface Mapping Laboratory
14. PE 650-355 Well Logging Laboratory
15. PE 650-396 Industrial Training
16. PE 650-411 Petroleum Production Engineering
17. PE 650-424 Applied Petroleum Reservoir Engineering
18. PE 650-427 Secondary Recovery
19. PE 650-431 Formation Evaluation
20. PE 650-432 Well Test Analysis
21. PE 650-435 Production Equipment Design
22. PE 650-437 Numerical Methods in Petroleum Engineering
23. PE 650-453 Fractured Reservoir Characterization
24. PE 650-475 Well Stimulation
25. PE 650-495 Senior Project
26. PE 650-496 Well Design
27. ENGR 600-209 Engineering Economy
28. ENGR 600-304 Engineering Probability and Statistics
29. ENGR 600-308 Numerical Methods for Engineers

L. FUNDED RESEARCH PROJECTS

1. Grant YE01-14 (Co.I.)
Project Title: Inflow Performance Relationships for Horizontal Wells Producing from Naturally Fractured Solution Gas-Drive Reservoirs.
Budget: KD 6,000
Duration: 1 September 2014 – 1 October 2016.
2. Grant 02-1504-2011 (Co.I.)
Project Title: Production Management of Solution Gas Drive Partially Naturally Fractured Reservoirs.
Budget: KD 21,000
Duration: 1 September 2012 – 1 October 2015.

3. Grant EP01/03 (Co.I.)
Project Title: Modeling Inflow Performance Relationships for Wells Producing from Solution-Gas Drive Layered Reservoirs.
Budget: KD 6,995
Duration: 1 January 2004 – 31 December 2005 (extended to 31 July 2006).
4. Grant EP01/01 (P.I.)
Project Title: Dehydration of Crude Oil.
Budget: KD 5,995
Duration: 1 October 2002 – 31 January 2004.
5. Grant EP02/02 (P.I.)
Project Title: Well Test Analysis of Gas Wells Producing at Constant-Bottomhole Pressure with Non-Darcy Flow and Formation Damage.
Budget: KD 3,450
Duration: 1 July 2002 – 30 June 2003.
6. Grant EP01/02 (Co.I.)
Project Title: Recovery Performance of Partially Fractured Reservoirs by Forced Imbibition and Capillary Imbibition
Budget: KD 2,500
Duration: 1 July 2002 – 30 June 2003 (extended to 30 August 2003).
7. Grant EM03/99 (Co.I.)
Project Title: Assessment and Continuous Improvement in Engineering Education at Kuwait University.
Budget: KD 23,120
Duration: 1 May 2001 – 30 April 2004 (extended to 30 October 2004).
8. Grant EP05/00 (Co.I.)
Project Title: An Innovative Approach for the Detection of Wellbore Phase Redistribution Effects during Well Test Analysis.
Budget: KD 2,330
Duration: 1 September 2000 – 30 December 2001.
9. Grant EP02/00 (Co.I.)
Project Title: Use of Neural Networks for Prediction of Formation Fracture Gradient.
Budget: KD 2,000
Duration: 1 May 2000 – 30 April 2001.
10. Grant EP017 (P.I.)
Project Title: A Neural Network Model for the Prediction of Water Influx of Edge- and Bottom-Water Drive Reservoirs.
Budget: KD 2,000
Duration: 21 February 1998 – 20 February 1999.
11. Grant EP-014 (P.I.)
Project Title: Pressure Buildup Analysis of Gas Wells.
Budget: KD 2,000
Duration: 1 March 1997 – 28 February 1998.

12. Grant EPP-012 (Co.I.)
Project Title: Extraction of Oil from Oil Contaminated Soils by Retorting at Atmospheric Pressure
Budget: KD 2,000
Duration: 1 January 1997 – 30 April 1998.
13. Grant EPP-010 (Co.I.)
Project Title: Two-Phase Flow through Wellhead Chokes of Kuwait Oil Wells.
Budget: KD 2,000
Duration: 01 June 1996 – 31 May 1997.
14. Grant 9 DVC – Academic Ruling No. 81 (Co.I.)
Project Title: A New Technique to Analyze Pressure and Rate Measurements of Gas Wells with Turbulence and Damage. United Arab Emirates (U.A.E.) University, U.A.E.
Budget: UAE Dirham 25,000
Duration: Academic year 1993/1994.

M. RESEARCH INTERESTS

Well Test Analyses, Reservoir Characterization, Reservoir Modeling and Simulation, Fluid Flow in the Wellbore, Water Treatment, Enhanced Oil Recovery, Neural Network Applications and Expert Systems.

N. TECHNICAL PUBLICATIONS

JOURNAL PAPERS

1. Malallah, A., **Nashawi, I.S.**, and Algharaib, M., 2024. “A Comprehensive Analysis of Transient Rate and Rate Derivative Data of an Oil Well Intercepted by Infinite-Conductivity Hydraulic Fracture in a Closed System.” *Journal of Petroleum Exploration and Production Technology*, Vol. 14, 805-822. <https://doi.org/10.1007/s.13202-023-01732-0>.
2. Qasem, F.H. and **Nashawi, I.S.**, 2024. “Simulation and Performance Prediction of Partially Naturally Fractured Reservoirs under Solution-Gas Drive Primary Recovery and Gas Injection Processes.” *Journal of Petroleum Exploration and Production Technology*, Vol. 14, 1259-1282. <https://doi.org/10.1007/s.13202-024-01764-0>.
3. Qasem, F., Al-Mazidi, H., and **Nashawi, I.S.**, 2024. “Developing an Inflow Performance Relationship for Predicting Hydrocarbon Recovery from Horizontal Wells Operating in Partially Naturally Fractured Reservoirs under Solution-Gas Drive.” *Petroleum Science and Technology*. <https://doi.org/10.1080/10916466.2024.2377750>.
4. Malallah, A., Alashwak, A., and **Nashawi, I.S.**, 2021. “Infill Well Placement Optimization in Two-Dimensional Heterogeneous Reservoirs Undergone Waterflooding Using Upscaling Wavelet Transform.” *Journal of Petroleum Science and Engineering*. <https://doi.org/10.1016/j.petrol.2021.108439> **(13 citations Google Scholar, Nov. 2025)**

5. Qasem, F.H., Malallah, A., **Nashawi, I.S.**, and Mir, M.I., 2016. "Inflow Performance Relationships for Layered Solution-Gas Drive Reservoirs." *International Journal of Petroleum Engineering*, 2(4), 265-288. <http://dx.doi.org/10.1504/IJPE.2016.084116>.
6. Qasem, F.H., **Nashawi, I.S.**, Malallah, A., and Mir, M.I., 2012. "Modeling Inflow Performance Relationships for Wells Producing from Two-Layer Solution-Gas Drive Reservoirs without Cross-Flow." *Petroleum Science and Technology*, 30(11), 1122-1139. <http://dx.doi.org/10.1080/10916466.2010.499401>.
7. **Nashawi, I.S.**, Malallah, A., and Al-Bisharah, M., 2010. "Forecasting World Crude Oil Production Using Multicyclic Hubbert Model." *Energy & Fuels*, 24(3), 1788-1800. <https://doi.org/10.1021/ef901240p> (**333 citations Google Scholar, Nov. 2025**).
8. **Nashawi, I.S.**, Al-Anzi, E.H., and Khalaf, Y.S., 2009. "A Depletion Strategy for Active Bottom-Water Drive Reservoir Using Analytical and Numerical Models–Field Case Study." *Journal of Heat Transfer*, special issue on "Recent Advances in Porous Media Transport," 131(10), 101008-1 - 101008-12. <https://doi.org/10.1115/1.3177385>
9. **Nashawi, I.S.** and Malallah, A., 2009. "Improved Electrofacies Characterization and Permeability Predictions in Sandstone Reservoirs Using a Data Mining and Expert System Approach." *Petrophysics*, 50(3), 250-268 (**50 citations Google Scholar, Nov. 2025**).
10. **Nashawi, I.S.**, 2008. "Pressure-Transient Analysis of Infinite-Conductivity Fractured Gas Wells Producing at High-Flow Rates." *Journal of Petroleum Science and Engineering*, 63(1-4), 73-83. <https://doi.org/10.1016/j.petrol.2008.10.001>
11. Qasem, F.H., **Nashawi, I.S.**, Gharbi, R., and Mir, M.I., 2008. "Recovery Performance of Partially Fractured Reservoirs by Capillary Imbibition." *Journal of Petroleum Science and Engineering*, 60(1), 39-50. <https://doi.org/10.1016/j.petrol.2007.05.008> (**62 citations Google Scholar, Nov. 2025**).
12. **Nashawi, I.S.** and Malallah, A., 2007. "Well Test Analysis of Finite-Conductivity Fractured Wells Producing at Constant Bottomhole Pressure." *Journal of Petroleum Science and Engineering*, 57(3-4), 303-320. <https://doi.org/10.1016/j.petrol.2006.10.009> (**24 citations Google Scholar, Nov. 2025**).
13. **Nashawi, I.S.**, 2006. "Constant-Pressure Well Test Analysis of Finite-Conductivity Hydraulically Fractured Gas Wells Influenced by Non-Darcy Flow Effects." *Journal of Petroleum Science and Engineering*, 53(3-4), 225-238. <https://doi.org/10.1016/j.petrol.2006.06.006> (**19 citations Google Scholar, Nov. 2025**).
14. **Nashawi, I.S.** and Malallah, A., 2006. "New Approach for Fracture Gradient Prediction Using Non-Parametric Optimal Transformations – Field Applications in the Middle East." *Petroleum Science and Technology*, 24(6), 629-663. <https://doi.org/10.1081/LFT-200041104>
15. Malallah, A. and **Nashawi, I.S.**, 2005. "Estimating the Fracture Gradient Coefficient Using Neural Networks for a Field in the Middle East." *Journal of Petroleum Science and Engineering*, 49(3-4), 193-211. <https://doi.org/10.1016/j.petrol.2005.05.006> (**73 citations Google Scholar, Nov. 2025**).

16. **Nashawi, I.S.**, Qasem, F.H., and Gharbi, R., 2003. "Transient Pressure Analysis of Gas Wells Producing at Constant Pressure." *Journal of Petroleum Science and Engineering*, 40(1-2), 89-102. [https://doi.org/10.1016/S0920-4105\(03\)00105-0](https://doi.org/10.1016/S0920-4105(03)00105-0)
17. **Nashawi, I.S.**, 2003. "Pressure Transient Analysis for Wells with Variable Sandface Flow Rate." *Journal of Canadian Petroleum Technology*, 42(7), 44-53. <https://doi.org/10.2118/03-07-04>
18. Christoforou, A.P., Yigit, A.S., Al-Ansary, M.D., Ali, F., Lababidi, H., **Nashawi, I.S.**, Tayfun, A., and Zribi, M., 2003. "Improving Engineering Education at Kuwait University through Continuous Assessment." *The International Journal of Engineering Education*, 19(6), 818-827 **(44 citations Google Scholar, Nov. 2025).**
19. Qasem, F.H., **Nashawi, I.S.**, and Mir, M.I., 2002. "Detection of Pressure Buildup Data Dominated by Wellbore Phase Redistribution Effects." *Journal of Petroleum Science and Engineering*, 34(1-4), 109-122. [https://doi.org/10.1016/S0920-4105\(02\)00158-4](https://doi.org/10.1016/S0920-4105(02)00158-4) **(14 citations Google Scholar, Nov. 2025).**
20. **Nashawi, I.S.** and Elgibaly, A.A., 1999. "Prediction of Liquid Viscosity of Pure Organic Compounds via Artificial Neural Network." *Petroleum Science and Technology*, 17(9-10), 1107-1144. <https://doi.org/10.1080/10916469908949768> **(14 citations Google Scholar, Nov. 2025).**
21. **Nashawi, I.S.** and Almehaideb, R.A., 1999. "Improved Convolution Analysis of Late Wellbore Storage Buildup Data of Gas Wells." *Petroleum Science and Technology*, 17(5-6), 577-605. <https://doi.org/10.1080/10916469908949735>
22. **Nashawi, I.S.** and Elkamel, A., 1999. "Neural Network Model for the Prediction of Water Aquifer Dimensionless Variables for Edge- and Bottom-Water Drive Reservoirs." *Energy & Fuels*, 13(1), 88-98. <https://pubs.acs.org/doi/10.1021/ef980128q>
23. Elgibaly, A.A., **Nashawi, I.S.**, Tantawy, M.A., and Elkamel, A., 1999. "Flow Properties of Weathered Crude Oils and their Emulsions." *Journal of Dispersion Science and Technology*, 20(3), 857-882. <https://doi.org/10.1080/01932699908943824>
24. **Nashawi, I.S.**, Elgibaly, A.A., and Almehaideb, R.A., 1998. "Pressure Buildup Analysis of Gas Wells with Damage and Non-Darcy Flow Effect." *Journal of Petroleum Science and Engineering*, 21(1-2), 15-26. [https://doi.org/10.1016/S0920-4105\(98\)00043-6](https://doi.org/10.1016/S0920-4105(98)00043-6)
25. **Nashawi, I.S.**, Elgibaly, A.A., and Almehaideb, R.A., 1998. "Variable-Rate Pressure-Drawdown Analysis of Gas Wells with Turbulence and Damage." *In Situ*, 22(3), 291-320.
26. Elgibaly, A.A. and **Nashawi, I.S.**, 1998. "New Correlations for Critical and Subcritical Two-Phase Flow through Wellhead Chokes." *Journal of Canadian Petroleum Technology*, 37(6), 36-43. <https://doi.org/10.2118/98-06-04> **(32 citations Google Scholar, Nov. 2025).**
27. Elgibaly, A.A. and **Nashawi, I.S.**, 1997. "Prediction of Two-Phase Flow through Chokes for Middle East Oil Wells." *In Situ*, 21(4), 395-427.

28. **Nashawi, I.S.**, 1991. "Laboratory Investigation of the Effect of Brine Composition on Polymer Solutions – Part 1: Partially Hydrolyzed Polyacrylamide (HPAM) Case." SPE 23533, Richardson, Texas, USA (**14 citations Google Scholar, Nov. 2025**)
29. **Nashawi, I.S.**, 1991. "Laboratory Investigation of the Effect of Brine Composition on Polymer Solutions – Part 2: Xanthan Gum (XG) Case." SPE 23534, Richardson, Texas, USA.

CONFERENCE PAPERS

30. Qasem, F., Malallah, A., **Nashawi, I.S.**, and Mir, M.I., 2012. "Modeling Inflow Performance Relationships for Wells Producing from Multi-Layer Solution-Gas Drive Reservoirs." SPE 149858. North Africa Technical Conference and Exhibition, Cairo, Egypt, February 20-22.
31. Al-Ghanim, J., **Nashawi, I.S.**, and Malallah, A., 2012. "Prediction of Water Influx of Edge-Water Drive Reservoirs Using Nonparametric Optimal Transformations." SPE 150662. North Africa Technical Conference and Exhibition, Cairo, Egypt, February 20-22 (**25 citations Google Scholar, Nov. 2025**)
32. **Nashawi, I.S.**, Malallah, A., and Al-Bisharah, M., 2010. "Modeling World Oil Supply: Its Peak Production Rate and Time – Model Validation." SPE 133208. Asia Pacific Oil & Gas Conference and Exhibition (APOGCE), Brisbane, Queensland, Australia, October 18-20.
33. **Nashawi, I.S.** and Malallah, A., 2010. "Permeability Prediction from Wireline Well Logs Using Fuzzy Logic and Discriminant Analysis." SPE 133209. Asia Pacific Oil & Gas Conference and Exhibition (APOGCE), Brisbane, Queensland, Australia, October 18-20 (**26 citations Google Scholar, Nov. 2025**)
34. Al-Bisharah, M., Al-Fattah, S., **Nashawi, I.S.**, and Malallah, A., 2009. "Forecasting OPEC Crude Oil Supply." SPE 120350. Middle East Oil & Gas Show and Conference, Manama, Bahrain, March 15-18.
35. **Nashawi, I.S.**, 2007. "Constant Pressure Analysis of Infinite-Conductivity Fractured Gas Wells Influenced by Non-Darcy Flow Effects." SPE 105025. Middle East Oil & Gas Show and Conference, Manama, Bahrain, March 11-14.
36. Malallah, A., **Nashawi, I.S.**, and Algharaib, M., 2007. "Constant-Pressure Analysis of Oil Wells Intercepted by Infinite-Conductivity Hydraulic Fracture Using Rate and Rate Derivative Functions." SPE 105046. SPE Middle East Oil & Gas Show and Conference, Manama, Bahrain, March 11-14.
37. **Nashawi, I.S.** and Malallah, A., 2006. "Rate Derivative Analysis of Oil Wells Intercepted by Finite Conductivity Hydraulic Fracture." Petroleum Society of CIM paper No. 2006-121. 57th Annual Technical Meeting, Calgary, Alberta, Canada, June 13-15 (**14 citations Google Scholar, Nov. 2025**)
38. Qasem, F.H., **Nashawi, I.S.**, Gharbi, R., and Mir, M.I., 2006. "Role of Capillary Imbibition in Partially Fractured Reservoirs." Petroleum Society of CIM paper No. 2006-144. 57th Annual Technical Meeting, Calgary, Alberta, Canada, June 13-15.

39. **Nashawi, I.S.** and Malallah, A., 2005. "Predicting the Formation Fracture Gradient of Middle East Reservoirs Using Non-Parametric Optimal Transformations." SPE 92719. SPE Middle East Oil Show & Conference (MEOS), Manama, Bahrain, March 12-15.
40. **Nashawi, I.S.**, Qasem, F.H., Gharbi, R., and Mir, M.I., 2003. "An Investigation of Gas Well Testing Under Constant-Bottomhole Pressure Conditions, High-Velocity Flow Effects, and Formation Damage." SPE 81516. Middle East Oil Show & Conference (MEOS), Manama, Bahrain, June 9-12.
41. Al-Ansary, M.D., Christoforou, A.P., Yigit, A.S., Tayfun, A., Aly, A.A., Lababidi, H., Ali, F., **Nashawi, I.S.**, and Zribi, M., 2002. "Improving Engineering Education at Kuwait University through Continuous Assessment. Part 1: Establishing the Process." 6th Saudi Engineering Conference, KFUPM, Dhahran, Saudi Arabia, Proceedings Vol. 1, 409-420, December 14-17.
42. Christoforou, A.P., Al-Ansary, M.D., Yigit, A.S., Tayfun, A., Aly, A.A., Lababidi, H., Ali, F., **Nashawi, I.S.**, and Zribi, M., 2002. "Outcome Assessment and Evaluation of Engineering Education at Kuwait University." American Society for Engineering Education Annual Conference and Exposition, Montreal, Canada, June 16-19.
43. **Nashawi, I.S.**, Qasem, F., Gharbi, R., and Mir, M.I., 2002. "Gas Well Decline Analysis under Constant-Pressure Conditions, Wellbore Storage, Damage, and Non-Darcy Flow Effects." SPE 75526. Gas Technology Symposium, Calgary, Alberta, Canada, April 30-May 2.
44. **Nashawi, I.S.**, 2001. "Variable-Rate Pressure Drawdown Analysis." Petroleum Society of CIM paper No. 2001-226. Ninth Saskatchewan Petroleum Conference, Regina, Saskatchewan, Canada, April 29-May 1.
45. Qasem, F.H., **Nashawi, I.S.**, and Mir, M.I., 2001. "A New Method for the Detection of Wellbore Phase Redistribution Effects during Pressure Transient Analysis." SPE 67239. Production and Operation Symposium, Oklahoma City, Oklahoma, U.S.A., March 24-27.
46. Sadiq, T.L. and **Nashawi, I.S.**, 2000. "Using Neural Networks for Prediction of Formation Fracture Gradient." SPE 65463/PS. 4th International Conference and Exhibition on Horizontal Well Technology, Calgary, Alberta, Canada, November 6-8 **(67 citations Google Scholar, Nov. 2025)**
47. **Nashawi, I.S.** and Elgibaly, A.A., 1999. "Neural Network Models for the Prediction of Viscosity of Pure Compounds." SPE 57456. Eastern Regional Meeting (ERM), Charleston, West Virginia, U.S.A., October 20-22.
48. **Nashawi, I.S.** and Elkamel, A., 1998. "A Neural Network Model for the Prediction of Water Aquifer Dimensionless Variables for Edge-Water Drive Reservoirs." SPE Technical Symposium, Dhahran, Saudi Arabia, October 25-27.
49. **Nashawi, I.S.** and Elkamel, A., 1998. "Prediction of Water Influx of Bottom-Water Drive Reservoirs." Paper No. 41, AB-A. 4th International Conference on Neural Networks and their Applications (NEURAP'98), Marseilles, France, March 11-13.

50. **Nashawi, I.S.**, Almehaideb, R.A., and Elgibaly, A.A., 1997. "Pressure Buildup and Drawdown Analysis of Gas Wells." SPE 37797. Middle East Oil Show & Conference (MEOS), Manama, Bahrain, March 15-18.
51. Elgibaly, A.A.M., **Nashawi, I.S.**, and Tantawy, M.A., 1997. "Rheological Characterization of Kuwaiti Oil-Lakes Oils and their Emulsions." SPE 37259. International Symposium on Oil Field Chemistry, Houston, Texas, U.S.A., February 18-21 **(23 citations Google Scholar, Nov. 2025)**
52. **Nashawi, I.S.** and Elgibaly, A.A., 1996. "Variable Rate Pressure Drawdown Analysis for Gas Wells." SPE 36278. Abu Dhabi International Petroleum Exhibition and Conference (ADIPEC), Abu Dhabi, U.A.E., October 13-16.
53. Elgibaly, A.A. and **Nashawi, I.S.**, 1996. "Prediction of Two-Phase Flow through Chokes for Middle East Oil Wells." SPE 36274. Abu Dhabi International Petroleum Exhibition and Conference (ADIPEC), Abu Dhabi, U.A.E., October 13-16 **(25 citations Google Scholar, Nov. 2025)**
54. **Nashawi, I.S.** and Almehaideb, R.A., 1995. "A New Technique to Analyze Simultaneous Sandface Flow Rate and Pressure Measurements of Gas Wells with Turbulence and Damage." SPE 29895. Middle East Oil Show & Conference (MEOS), Manama, Bahrain, March 11-14.
55. **Nashawi, I.S.**, 1994. "Short-Term Analysis Technique for Pressure Buildup Test Using Simultaneously Measured Transient Sandface Flow Rate and Pressure." ADSPE 14. Abu Dhabi International Petroleum Exhibition and Conference (ADIPEC), Abu Dhabi, U.A.E., October 16-19.
56. **Nashawi, I.S.**, 1992. "A New Transient Pressure Analysis Technique for Wells with Variable Flow Rate." SPE 24530. Abu Dhabi Petroleum Conference and Exhibition, Abu Dhabi, U.A.E., May 18-20.

O. REFEREE OF PROFESSIONAL JOURNALS AND RESEARCH INSTITUTIONS

1. SPE Reservoir Evaluation and Engineering Journal
2. Journal of Porous Media
3. Journal of Petroleum Science and Engineering
4. Journal of Heat Transfer
5. Journal of King Saud University
6. Journal of CT&F – Ciencia, Tecnologia y Futuro
7. Fuel Journal
8. Qatar National Research Fund (QNRF)

P. SHORT COURSES – KUWAIT INDUSTRY

1. "Basic Reservoir Engineering," 4 – 8 May 2008
2. "Oil Industry Economics," 11 – 15 October 2003
3. "Basic Petroleum Economics," 13 – 14 April and 15 – 16 April 2003
4. "Oil Industry Economics," 10 – 14 November 2001
5. "Corrosion Control," 19 – 23 February 2000

6. "Well Completion and Workover," 5 – 9 February 2000
7. "Operating and Monitoring Waterfloods," 15 – 19 January 2000
8. "Cathodic Protection Design," 27 November – 1 December 1999
9. "Corrosion Engineering," 3 July – 11 August 1999
10. "Well Completions and Workover," 22 – 26 May 1999
11. "Surface Oil-Production Equipment," 4 – 8 December 1996

Q. WORKSHOPS AND SEMINARS

1. ABET visit preparation workshops, 2017, 2018, 2019.
2. "Implementation of Continuous Program Improvement and Preparations for ABET Visit," 21 January 2012.
3. "Principles for Effective College Instruction," 21 – 22 April 2007.
4. "Developing a Plan to Assess Engineering Programs: Basic Principles, Best Practices, and Applications," 8 April 2007.
5. "Evaluating Teaching," 1 May 2006.
6. "Designing Your Courses for More Significant Learning I," 29 April 2006.
7. "Introductory Level E-Learning Workshop to Enhance Online Courses Using E-Learning Tools," 17 April 2006.
8. "Promoting Active Learning in the University Classroom I," 1 May 2005.
9. "Promoting Active Learning in the University Classroom II," 2 May 2005.
10. "Continuous Program Improvement Based on ABET Engineering Criteria 2000," 19 December 2004.
11. "Questioning and Giving Feedback for Learning: The Craft of Classroom Assessment," 11 May 2004.
12. "Pressure Transient Analysis of Gas Wells Producing at Constant-Bottomhole Pressure," Seminar by Dr. Ibrahim Sami Nashawi, SPE Kuwait Section, 28 October 2003.
13. "Outcome-Based Course and Classroom Assessment Workshop," 28 October 2002.
14. "ABET Engineering Criteria: An Evaluator's Perspective on Implementation," 20 March, 2002.
15. "Overview of Program Assessment Processes and Methods," 9 March, 2002.
16. "C Programming Language," 18 – 22 February 2001.
17. "OCCD Address to the Petrochemical Industry," 18 October 1998.
18. "Carbonate Reservoir Stimulation," 15 – 18 November 1997.
19. "Ethics and Profession: Hand-in-Hand," 16 – 18 November 1996.
20. "University Teaching Strategies," 16 – 17 December 1995.

R. PROFESSIONAL SOCIETIES

1. Society of Petroleum Engineers of AIME (SPE)
2. Petroleum Society of CIM
3. Syrian Engineers Society
4. Louisiana Tech Alumni Association

S. COMMITTEE MEMBERSHIP

University Committees

1. Research Funding Committee (13/14, 14/15, 15/16, 16/17, 17/18, 18/19)
2. Research Implementation Committee (13/14, 14/15, 15/16, 16/17, 17/18, 18/19)

3. Graduate Students Project Prize Committee (13/14, 14/15, 15/16, 16/17)
4. Graduate Studies Dean Executive Committee (13/14, 14/15/, 15/16, 16/17, 17/18, 18/19)
5. Computer Engineering Ph.D. Program Committee (14/15, 15/16)

College Committees

6. Outstanding Teaching Award (24/25, 25/26)
7. Undergraduate Curriculum Development (UPC-ABET) (94/95, 95/96 chairman, 96/97 chairman, 97/98 chairman, 98/99 chairman, 99/00 chairman, 00/01, 01/02, 02/03, 03/04, 04/05, 05/06, 06/07, 07/08 chairman, 08/09 chairman, 09/10 chairman, 10/11 chairman, 11/12, 12/13 chairman, 13/14 chairman, 14/15, 15/16, 16/17, 17/18, 18/19, 19/20 chairman, 20/21 chairman)
8. Outcomes Assessment Committee (OAC) (98/99 chairman, 04/05 chairman, 05/06 chairman, 06/07 chairman, 07/08, 08/09, 16/17, 17/18, 18/19 chairman)
9. College Engineering Courses (03/04, 04/05, 05/06, 06/07, 07/08, 07/08, 08/09, 09/10, 10/11, 11/12, 12/13, 18/19, 19/20, 20/21)
10. Research (02/03, 03/04, 04/05, 05/06, 06/07, 07/08, 08/09)
11. Coordinator for “Engineering Probability and Statistics” (ENG600-304) (2003-2013, 2018-2024)
12. Annual Report (95/96)
13. Library (96/97, 99/00, 00/01)
14. Security and Safety (00/01)
15. Chairman Selection for the Petroleum Engineering Department (02/03)
16. Chairman Performance Evaluation for the Petroleum Engineering Department (05/06)

Department Committees

17. Promotion Committee (06/07, 07/08, 08/09, 09/10, 10/11, 11/12, 12/13, 13/14, 14/15, 15/16, 16/17, 21/22 chairman, 22/23 chairman, 23/24 chairman, 24/25, 25/26)
18. Undergraduate Curriculum Development (UPC-ABET) (94/95, 95/96 chairman, 96/97 chairman, 97/98 chairman, 98/99 chairman, 99/00 chairman, 00/01, 01/02, 02/03, 03/04, 04/05, 05/06, 06/07, 07/08 chairman, 08/09 chairman, 09/10 chairman, 10/11, 11/12, 12/13 chairman, 13/14 chairman, 14/15, 15/16, 16/17, 17/18, 18/19 chairman, 19/20 chairman, 20/21 chairman)
19. Outcomes Assessment Committee (OAC) (98/99 chairman, 04/05 chairman, 05/06 chairman, 06/07 chairman, 07/08, 08/09, 16/17, 17/18, 18/19 chairman)
20. Sabbatical Leave (03/04 chairman, 05/06, 06/07, 07/08, 08/09, 15/16, 16/17)
21. Appointment and Contract Renewal (01/02, 02/03, 03/04, 05/06, 06/07, 12/13, 13/14, 14/15, 15/16, 16/17, 20/21)
22. Research (95/96, 97/98, 98/99, 00/01, 01/02, 02/03 chairman, 03/04 chairman, 04/05, 05/06, 06/07, 07/08, 08/09, 15/16)
23. Graduate Studies (97/98, 00/01, 01/02, 02/03, 03/04, 04/05 program director, 05/06 program director, 06/07, 07/08)
24. Short Courses and Consultation (94/95, 95/96, 96/97 chairman, 97/98, 98/99)
25. Laboratories and Equipment (94/95, 95/96, 96/97)
26. Budget (94/95, 96/97)
27. Academic Schedule and Student Affairs (99/00, 00/01, 12/13, 12/13)
28. Industrial Relation (98/99)
29. Scholarships (02/03, 03/04)