

1. Name: **Khashayar Nasrifar**
2. Education – degree, discipline, institution, year
  - PhD, Chemical Engineering, Shiraz University, 2001
  - MSc, Chemical Engineering, Shiraz University, 1995
  - BSc, Chemical Engineering, Shiraz University, 1989
3. Academic experience
  - Assistant/Associate Professor, Shiraz University of Technology, Iran (2006 – 2018)
  - Associate Professor, University of Nizwa, Oman (On leave of absence from Shiraz University of Technology, 2013-2016)
  - Associate Professor, University Teknologi Petronas, Malaysia (On leave of absence from Shiraz University of Technology, 2010-2013)
  - Postdoctoral fellow: Norwegian University of Technology, Norway (2004 -2006)
  - Assistant Professor, University of Tehran, Iran (2002 – 2004)
  - Assistant Professor, Sistan and Baluchestan University, Iran (2001)
4. Non-academic experience
  - Shift controller, Shiraz Petrochemical Complex (1989)
5. Certifications or professional registrations
  - American Chemical Society (ACS) (2012)
6. Current membership in professional organizations
7. Honors and awards
  - Scholarship (3.5 years for PhD study at Shiraz University, 1995)
  - Scholarship for exchange program at Delft University of Technology (8 months at 2000)
8. Service activities (within and outside of the institution)
  - Committees**
    - PCED Postgraduate Studies & Research Committee
    - PCED Strategic Planning and Development Committee
  - Reviewer**
    - Reviewer of Fluid Phase Equilibria, an international Journal. The subject is chemical thermodynamics.
9. Briefly list the most important publications and presentations from the past five years – title, co-authors if any, where published and/or presented, date of publication or presentation
  - Partoon, B., K. M. Sabil, K. K. Lau, B. Lal, K. Nasrifar, Production of Gas Hydrate in a Semi-Batch Spray Reactor Process as a Means for Separation of CO<sub>2</sub> from Methane, *Chemical Engineering Research and Design* 138 (2018) 168-175.
  - Nasrifar, K., N. Rahmanian, Equations of State with Group Contribution Binary Interaction Parameters Applied to the Prediction of Two-Phase Envelopes for Real Natural Gas Mixtures with Heavy Fractions, *Oil & Gas Technology – Rev. IFP Energies nouvelles* 73 (7) (2018) 1-9.
  - Nasrifar, K., F. Alavi, J. Javanmardi, Prediction of Water Content of Natural Gases Using PC-SAFT Equation of State, *Fluid Phase Equilib.* 453 (2017) 40-45.
  - Soltanimehr, S., J. Javanmardi, K. Nasrifar, Liquid Water–Hydrate–Vapor Equilibrium for Methane + Ethane Gas Mixtures: Application of Gas Hydrates for Separation, *J. Chem. Eng. Data* 62 (2017) 2143-2148.

- Rahmanian, N., L. Sakinah Bt Jusoh, M. Homayoonfard, K. Nasrifar, M. Moshfeghian, Simulation and Optimization of a Condensate Stabilisation Process, *J. Nat. Gas Sci. Eng.* 32 (2016) 453-464.
- Rahmanian, N., I. Bin Ilias, Kh. Nasrifar, Process Simulation and Assessment of a Back- Up Condensate Stabilization Unit, *J. Nat. Gas Sci. Eng.* 26 (2015) 730-736.
- Aftab, S., J. Javanmardi, Kh. Nasrifar, Experimental Investigation and Thermodynamic Modeling of Wax Disappearance Temperature for n-Undecane + n-Hexadecane + n- Octadecane and n-Tetradecane + n-Hexadecane + n-Octadecane Ternary Systems, *Fluid Phase Equilib.* 403 (2015) 70-77.
- Nasrifar, Kh., M. Moshfeghian, Vapor-Liquid Equilibria of Binary Associating Fluids Using a Cubic Equation of State with Limited Data, *Industrial and Engineering Research* 53 (2014) 2052-2061.
- Nasrifar, Kh., A perturbed-chain SAFT equation of state applied to mixtures of short- and long-chain n-alkanes, *Industrial and Engineering Chemistry Research* 52 (2013) 6582-6591.

10. Briefly list the most recent professional development activities

- Development of the MSc course: 'Simulation of Natural Gas Processing Using HYSYS' (2016)
- Development of the MSc course: 'Thermodynamics of Electrolyte Solutions' (2016)
- Conducting workshop entitled: Equation of state for Petronas Engineers (2013)