

1. Name: **G. Reza Vakili-Nezhaad**

2. Education – degree, discipline, institution, year

- Ph.D. in Chemical Engineering, Amir-Kabir University of Technology (Tehran Polytechnic), Tehran, Iran (1999).
- M.Sc. in Chemical Engineering, University of Tehran, Tehran, Iran (1993).
- B.Sc. in Chemical Engineering, Sharif University of Technology, Tehran, Iran (1989).

3. Academic experience – institution, rank, title (chair, coordinator, etc. if appropriate), when (ex. 1990-1995), full time or part time

- September 1995-September 1999: Lecturer, Department of Chemical Engineering, Faculty of Engineering (Pardis #3)-University of Tehran, Iran.
- September 1999-September 2000: Acting Head of Department & Assistant Professor, Department of Chemical Engineering, Faculty of Engineering (Pardis 3)-University of Tehran, Iran.
- September 2000-March 2001: Assistant Professor, Chemical Engineering Department, University of Kashan, Kashan, Iran.
- March 2001-April 2003: Head of Department & Assistant Professor, Chemical Engineering Department, University of Kashan, Kashan, Iran.
- February 2003-April 2004: Deputy Dean & Assistant Professor, Faculty of Engineering, University of Kashan, Kashan, Iran.
- April 2004-December 2004: Visiting Scholar & Assistant Professor, Department of Chemical Engineering, University of Saskatchewan, Saskatoon, Canada.
- December 2004-April 2005: Associate Professor, Chemical Engineering Department, University of Kashan, Kashan, Iran.
- April 2005-May 2007: Director & Associate Professor, Institute for Nano Science & Nanotechnology, University of Kashan, Kashan, Iran.
- May 2007-February 2008: Associate Professor, Chemical Engineering Department, University of Kashan, Kashan, Iran.
- February 2008-June 2008: Visiting Consultant (Associate Professor), Department of Petroleum and Chemical Engineering, College of Engineering, Sultan Qaboos University, Muscat, Oman.
- June 2008-September 2008: Associate Professor-Chemical Engineering Department, University of Kashan, Kashan, Iran.
- September 2008-October 2018: Associate Professor-Department of Petroleum and Chemical Engineering, Sultan Qaboos University, Oman.
- November 2018-Present: Professor- Department of Petroleum and Chemical Engineering, Sultan Qaboos University, Oman.

4. Non-academic experience

- December 1993-September 1995: Senior Researcher, Research Institute of Petroleum Industry, Tehran, Iran.

5. Certifications or professional registrations

6. Current membership in professional organizations

7. Honors and awards

- Distinguished Teacher Nominee, Petroleum and Chemical Engineering Department, Sultan Qaboos University, 2015.

- Supervisor of Undergraduate Students Winning Gold Prize, The Seoul International Invention Fair, Organized by Korea Invention Promotion Association, South Korea, December 2014. Research Project Title: “Gases Separation Using Omani Natural Materials”.
- ABET Recognition, Recognized by the Vice Chancellor of SQU for the efforts and contribution in the success of engineering programs accreditation by ABET, 2010.
- PCED Best Researcher Nominee, Petroleum and Chemical Engineering Department, Sultan Qaboos University, 2010 & 2011.
- Distinguished Researcher, University of Kashan, Kashan, Iran, 2003.
- Best Researcher, Faculty of Engineering, University of Kashan, Kashan, Iran, 2002.

8. Service activities (within and outside of the institution)

Committees

- Member, College of Engineering Board, Since September 2018.
- Chair, Petroleum & Chemical Engineering Department Postgraduate Studies and Research Committee. September 2016-September 2018.
- Coordinator, Process Integration (Energy Efficiency), Renewable And Sustainable Energy Research Group (RASERG), Since April 2015.
- Associate Editor, The Journal of Engineering Research, Since September 2011.
- Editorial Board Member, Springer Nature Applied Sciences, Since August 2018.

Reviewer

- Chemical Engineering Communications
- Fluid Phase Equilibria
- SN Applied Sciences

9. Briefly list the most important publications and presentations from the past five years

- **G. Reza Vakili-Nezhaad**, M. Al-Wadhahi, A. M. Gujarathi, R. Al-Maamari, M. Mohammadi, Molecular dynamics simulation of water–graphene nanofluid, SN Applied Sciences 1 (3), 214, **2019**.
- W. Ahmad, A. Vakilinejad, Z. M. Aman, **G. Reza Vakili-Nezhaad**, Thermophysical Study of Binary Systems of tert-Amyl Methyl Ether with n- Hexane and m-Xylene, J. Chem. Eng. Data, 64 (2), 459–470, **2019**.
- G. Reza Vakili-Nezhaad, M. Al-Wadhahi, A. M. Gujrathi, N. Al-Rawahi, M. Mohammadi, Exploring the possibility of the zigzag WS2 nanoribbons as anode materials for sodium-ion batteries, Applied Physics A, 125:47, **2019**.
- Vakilinejad, M. A. Aroon, M. Al-Abri, H. Bahmanyar, M. T. Z. Myint, **G. Reza Vakili-Nezhaad**, Chemical Engineering Communications, 205: 5, 610-623, **2018**.
- **G. Reza Vakili-Nezhaad**, R. Al-Maamari, A. M. Gujarathi, W. Ahmad, Thermophysical properties for the binary mixtures of tert-amyl methyl ether with n-hexane, cyclopentane, benzene and m-xylene at different temperatures, Journal of Molecular Liquids 252, 475-487, **2018**.