1. Name: **Jamil Tawfiq Naser**

2. Education – degree, discipline, institution, year

- PhD, Chemical Engineering, University of Alabama in Huntsville, USA, 1998.
- MSc, Chemical Engineering, University of Jordan, Jordan, 1993.
- BEng, Chemical Engineering, Jordan University of Science and Technology, Jordan,1989.

3. Academic experience

- Department of Petroleum and Chemical Engineering, Head of Department, Sultan Qaboos University, Associate Professor (September 2019-Present), Full time.
- Department of Petroleum and Chemical Engineering, Sultan Qaboos University, Associate Professor (May 2019-Present), Full time.
- Department of Petroleum and Chemical Engineering, Sultan Qaboos University, Assistant Professor (August 2008-May 2019), Full time.
- Department of Chemical Engineering, Tuskegee University, USA, Assistant Professor (January 2001-May 2008), Full time.

4. Non-academic experience

5. Certifications or professional registrations

- Improving Teaching and Learning with Technology, Center for Staff Development, Sultan Qaboos University, April 25-26, 2018.
- Technology Integration in Teaching, Center for Excellence in Teaching and Learning, Sultan Qaboos University, April 18th 2018.
- How to use Alternative Teaching Methods to Ensure Student Development of Critical Process Skills, Center for Excellence in Teaching and Learning, Sultan Qaboos University, May 18th 2017.
- Critical Thinking Skills for the 21st Century, Center for Excellence in Teaching and Learning, Sultan Qaboos University, May 17th 2017.
- Creating Significant Learning Experiences, Center for Excellence in Teaching and Learning, Sultan Qaboos University, Feb. 14th 2017.
- Introduction to CDIO Initiative, Sultan Qaboos University, College of Engineering, May 17-19, 2016.
- Preparing Engineers for a Globalized Economy, How to Teach Engineering Students Process Skills, Sultan Qaboos University, College of Engineering, May 26-28, 2015.

6. Current membership in professional organizations

- American Institute of Chemical Engineers (*AIChE*)
- Jordanian Engineering Association *(JEA)*

7. Honors and awards:

- Best Paper Award, International Conference on Chemical and Process Engineering, Kuala Lumpur, Malaysia, 2013.
- Best Teaching Award, College of Engineering, Sultan Qaboos University, 2011.

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

Committees

- Curriculum & Accreditation Committee, Petroleum & Chemical Engineering, 2014- Present.
- Curriculum and Timetabling Committee, College of Engineering, 2014-Present.

- Timetabling Coordinator, Chemical and Process Engineering, 2014-Present.
- Student-Staff Liaison Committee, Petroleum & Chemical Engineering, 2016-Present.
- Student-Staff Liaison Committee, College of Engineering, 2016-Present.

Reviewer

- International Journal of Environment and Waste Management.
- Journal of Chemistry.
- The Journal of Engineering Research.
- 27th Symposium of Malaysian Chemical Engineers (SOMChE 2014)

Consultancy: None

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.

- Hasan Mousaa, **Jamil Naser** and Omar Houche, Using PCM as energy storage material in water tanks: Theoretical and experimental investigation, Journal of Energy Storage 22: 1–7, (2019)
- Ghulam Murshid, Farouq S. Mjalli, **Jamil Naser**, Suaad Al-Zakwani & Adeeb Hayyan "Novel diethanolamine based deep eutectic mixtures for carbon dioxide (CO_2) capture: synthesis and characterisation", Physics and Chemistry of Liquids, DOI: 10.1080/00319104, (2018).
- **Jamil Naser**, Farouq S. Mjalli, and Zaharaddeen S. Gano, "Molar heat capacity of tetrabutylammonium chloride-based deep eutectic solvents and their binary water mixtures", Asia-Pac. J. Chem. Eng. 12: 938-947, (2017)
- **Jamil Naser**, Farouq S. Mjalli, and Zaharaddeen S. Gano, "Molar Heat Capacity of Selected Type III Deep Eutectic Solvents", J. Chem. Eng. Data 61,1608-1615, (2016).
- Farouq S. Mjalli and **Jamil Naser**, "Viscosity model for choline chloride-based deep eutectic solvents", Asia-Pac. J. Chem. Eng. 10: 273–281, (2015).
- Abdulfatah S. Muhammad, **Jamil T. Naser**, Ilham Kirm and Baba Y. Jibril, "Effects of Operating Parameters on Photocatalytic Degradation of Methylene Blue or Phenol on Supported Titanium-Based Catalysts", Asian Journal of Chemistry, 27, 313-320, (2015).
- Abdulfatah S. Muhammad, **Jamil T. Naser**, Ilham Kirm and Baba Y. Jibril, "Photocatalytic Degradation of Methylene Blue and Phenol Using TiO2/Activated-Carbon Composite Catalysts", Asian Journal of Chemistry, 27, 343-348, (2015).
- Abdulaziz Y. Atta, Sulaiman M. Shuwa, **Jamil T. Naser** and Baba Y. Jibril, "Effect of Alkali and Transition Metal Cations-Modified-ZSM-5 Catalysts in Oxidative Dehydrogenation of Propane to Propylene", Asian Journal of Chemistry, 27, 307-312, (2015).

10. Briefly list the most recent professional development activities