

1. Name: **Abdullah Al-Janabi**
2. Education:
 - Ph.D. Mechanical Engineering, University of Stuttgart, Baden-Württemberg, Germany, 2011
 - M. Sc. Thermal Sciences, The university of Jordan, Amman, Jordan, 2003
 - B. Sc. Mechanical Eng., Baghdad University, Baghdad, Iraq, 1994
3. Academic experience:
 - Mechanical & Industrial Engineering, Sultan Qaboos University
Assistant Professor, 2015-Present
 - Mechanical & Mechatronics Engineering, Dhofar University, Sultanate of Oman
Assistant Professor, 2013-2014
 - Faculty of Energy Technology, Process Engineering & Biological Engineering, University of Stuttgart, Germany
Academic Supervisor & Academic Researcher, 2006-2011
 - Mechanical Engineering, Faculty of Engineering and Technology, the University of Jordan, Amman, Jordan.
Research Assistant, 2003-2005
Teaching Assistant, 2000-2003
4. Non-academic experience:
 - Nexergen Holding GmbH, Münster, Germany, (*Daughter Company of greenpartnersllc, USA*), Chief Technology Officer, (2011-2013), Full-time.
 - Institute of Thermodynamics and Thermal Engineering (ITW), Research Fellow, International Project with GM of USA, (2009-2011), Full-time.
 - University of Stuttgart, Germany, European Project Team Member, European Industrial Project (MEDESOL): (*Seawater Desalination by Innovative Solar-Powered Membrane Distillation System*), 2006-2009, Full-time.
5. Certifications or professional registrations: -
6. Current membership in professional organizations: -
 - International Association of HydroEnvironment Research & Engineering-Baden Württemberg (IAHR-BW)
 - International Solar Energy Society (ISES)
7. Honors and awards: -
 - Outstanding efforts in timetabling, College of Engineering, SQU, Oman 2018.
 - Outstanding efforts in social activities College of Engineering, SQU, Oman 2018.
8. Service activities (within and outside of the institution): -
 - Member of the technical committee of the conference ICMMPM 2018, South Korea.
 - External Examiner for the architectural engineering students, FYP graduation projects.
 - Reviewer for the Heat Transfer Engineering Journal papers.
 - Chair & Coordinator of ME Curriculum and Timetabling, Sultan Qaboos University.

- Chair of Social Activates Committee, Sultan Qaboos University.
9. Briefly list the most important publications and presentations from the past five years: -
- **A. Al-Janabi**, M. R. Malayeri, (2019) Innovative Non-Metal Heat Transfer Surfaces to Mitigate Crystallization Fouling, *International Journal of Thermal Sciences*, 384-392.
 - **A. Al-Janabi**, M. R. Malayeri, (2017) Performance of Shot Peened Surfaces Subject to Crystallization Fouling, *International Journal of Thermal Sciences*, 111:379-389.
 - **A. Al-Janabi**, M. R. Malayeri, (2017) Turbulence Induced Structures in Exhaust Gas Recirculation Coolers to Enhance Thermal Performance, *International Journal of Thermal Sciences*, 112:118-128.
 - A. H. Nikoo, M. R. Malayeri, and **A. Al-Janabi**, (2017) Revamp of Heat Transfer Surfaces for Reduction of Crystallization Fouling Based on Polar Component of Surface Energy, *J. Iranian Chem. Eng.*, 88:48-58.
 - **A. Al-Janabi**, M. R. Malayeri, (2015) Environmentally Friendly Solvent- and Water-Based Coatings for Mitigation of Crystallization Fouling, *Chemical Engineering & Technology*, Vol. 38, pp.147–154.
 - **A. Al-Janabi**, M. R. Malayeri, (2014) Nano-coated surfaces to mitigate fouling in thermal water services, *Desalination and Water Treatment*.
 - **A. Al-Janabi**, Malayeri, R. M., Guillen-Burrieza, E., Blanco, J., (2013) Field Evaluation of Various Coated Plates of a Compact Heat Exchanger to Mitigate Crystallization Fouling in an MD Desalination Plant, *Desalination*, Vol. 324, pp. 21-33.
 - **A. Al-Janabi**, G. Al-Hajri, T. Al-Maashani, Potentiality of Converting Low-Grade Industrial Waste Heat into Power in Oman, In: Proceedings of 11th International Conference on Computational Heat, Mass and Momentum Transfer (ICCHMT2018), Cracow, Poland, 2018.
 - **A. Al-Janabi**, A. Shaaban, Effect of Shell Configuration on Surface Temperature Profile, 1st National Conference on Civil and Architectural Engineering, SQU, Oman, 2018.
 - **A. Al-Janabi**, O. Abu Mohareb, P. Huynh, M. Grimm, H. Reuss, Utilization of Electric Vehicle in Oman: Energy and Environment Enhancement, In: Proceeding of 9th International Conference on Thermal Engineering: Theory and Applications, Abu Dhabi, UAE, 2016.
 - O. Abu Mohareb, P. Huynh, **A. Al-Janabi**, M. Grimm, H. Reuss (2015) Electric Vehicles in the Gulf Region: Performance and Potential, SAE 2015 World Congress, Detroit, USA, 2015.
 - **A. Al-Janabi**, M. R. Malayeri, (2014) Nano-Coated Surfaces to Mitigate Fouling in Thermal Water Services, *Desalination for the Environment: Clean Water and Energy*, Limassol, Cyprus.
10. Briefly list the most recent professional development activities: -
- *Research Base Teaching*, SQU, Oman, February 2018.
 - *Improving Teaching and Learning with Technology*, SQU, Oman, April 2018
 - *Using Technology to Engage Students in Deeper Learning*, SQU, Oman, December 2017
 - *Critical Thinking Skills for the 21st Century*, by Nikos Mourtos, SQU, Oman, 16 May 2017
 - *Introduction to CDIO Initiative*, by Juha Kontio, SQU, Oman, 18 May 2016