

1. Name: **Khalid Ibrahim Alzebdeh**
2. Education – degree, discipline, institution, year: -
 - Ph. D. Engineering Mechanics, Michigan State University, USA, 1994
 - M. Sc. Structural Engineering, Jordan University of Science and Technology, Jordan, 1990
 - B. S. Civil Engineering, Jordan University of Science and Technology, Jordan, 1987
3. Academic experience – institution, rank, title (chair, coordinator, etc. if appropriate), when (ex. 1990-1995), full time or part time: -
 - Mechanical & Industrial Engineering, Sultan Qaboos University
Associate Professor, May 2011-Present
Assistant Professor, September 2006-May 2011
Senior Fulbright Scholar, September 2004-September 2006
 - Department of Mechanical Engineering, Michigan State University & Georgia Institute of Technology, Postdoctoral Fellow, September 1994-June 1997
4. Non-academic experience – company or entity, title, brief description of position, when (ex. 1993-1999), full time or part time: -
 - Ergotron, Inc. Department of Engineering
Senior Development Engineer, May 1998-September 2005: Development and conceptual design of new technologies, Structural analysis of weight-lift products
 - General Motors, Electro-Locomotive Division, Chicago, Illinois, June 1997-May 1998: Stress analysis of Locomotive chassis, engine, and brake components.
5. Certifications or professional registrations: -
 - Professional Engineer (PE) in the state of Minnesota, USA (Reg. No. 43113)
6. Current membership in professional organizations: -
 - American Society of Mechanical Engineers (ASME)
7. Honors and awards: -
8. Service activities (within and outside of the institution): -
 - Chair (2012-present), Department Postgraduate Studies and Research Committee, Sultan Qaboos University.
 - Coordinator (2012-present), Department Postgraduate Studies and Research Committee, Industrial Engineering, Sultan Qaboos University.
 - Member (2012-present), College Postgraduate Studies and Research Committee, Sultan Qaboos University.
 - Member (2013-present), University Staff Club Executive Committee, Sultan Qaboos University.
9. Briefly list the most important publications and presentations from the past five years: -
 - **Alzebdeh, K.**, Nassar, M., Al-Hadhramia, M., Al-Aamra, O., Al-Defaaia, O., Al-Shuailya, S., (2017) “Characterization of Mechanical Properties of Aligned Date Palm Frond Fiber-

Reinforced Low Density Polyethylene”, *The Journal of Engineering Research (TJER)*, Vol. 14, No. 2, pp.115-123.

- Nassar, M.M., Arunachalam, R. and **Alzebdeh, K.I.**, (2017). Machinability of natural fiber reinforced composites: a review. *The International Journal of Advanced Manufacturing Technology*, 88(9-12), pp.2985-3004.
- Al Kharousi, M., **Alzebdeh, K.**, Pervez, T., (2016) “An Atomistic-based continuum modeling for Evaluation of Effective Elastic Properties of Single-Walled Carbon Nanotubes, *Journal of Nanomaterials*, Volume 2016, Article ID 8641954, pp. 1-13, <http://dx.doi.org/10.1155/2016/8641954>
- Nasir, S., Sankaran, R., El Ghali, M., Al-Hosni, T., **Alzebdeh, K.**, Al-Rawas, G., “Geotechnical Assessment of Dimension stone Resources in Oman”, (2016) *International Journal of Chemical, Environmental & Biological Sciences (IJCEBS)*, Volume 3, Issue 6 (2015) ISSN 2320–4087.
- **Alzebdeh, K.**, Bashir, H.A., and Al-Siyabi, S. (2015) “The Application of Interpretive Structural Modelling to the Problem of Project Cost Overrun”, *Journal of Engineering Research*, Vol. 12(1), pp. 53-68.
- Luo, L., Xie, L., Kruger, U., **Alzebdeh, K.**, and Su, H. (2015) “A Novel Bayesian Robust Model and Its Application for Fault Detection and Automatic Supervision of Nonlinear Process”, *Industrial and Engineering Chemistry Research*, Vol. 54 (18), pp. 5048-5061.
- Pervez, T., **Alzebdeh, K.** and Al Kharusi, M.S. 2017. Effective Mechanical Properties of Nanoscale Representative Volume Element of CNT-based Nanocomposites. In: *Eleventh International Conference on Composite Science and Technology (ICCST/11)*, Sharjah, UAE, 4-6 April 2017.
- **Alzebdeh, K.**, Nassar, M., Al Rawahi, H. and Al-Hinai, N., 2016, November. Characterization of Mechanical Properties of Date Palm Fronds Reinforced Composites: A Comparative Evaluation. In *ASME 2016 International Mechanical Engineering Congress and Exposition* (pp. V014T11A043-V014T11A043). American Society of Mechanical Engineers.
- **Alzebdeh, K.**, Al-Nuaimi, A., (2016) The Effect of Shape of Reinforcement on Mechanical Properties of Random Composites, Proceeding of International Conference on Materials Science and Engineering (IMS8th), American University of Sharjah, UAE. pp.78 –81.
- Nassar, M., **Alzebdeh, K.**, Al-Rawahi, H. (2016). Characterization of Mechanical Properties of Date Palm Fronds Reinforced Low Density Polyethylene (LDPE). Proceeding of International Conference on Materials Science and Engineering (IMS8th), American University of Sharjah, UAE. pp.70 –73.

10. Briefly list the most recent professional development activities: -

- *Critical Thinking Skills for the 21st Century*, by Nikos Mourtos, SQU, Oman, 16 May 2017
- *Alternative Instructional Strategies*, by Nikos Mourtos, SQU, Oman, 18 May 2017
- *Introduction to CDIO Initiative*, by Juha Kontio, SQU, Oman, 18 May 2017
- *How to Teach Engineering Students Process Skills?* by N. Mourtos, SQU, 26-28 May 2015
- *Program Assessment Process* by ABET International, Muscat, Oman 14-15 Feb 2012