

1. Name: **Tasneem Pervez**
2. Education – degree, discipline, institution, year: -
 - Ph.D. Mechanical Engineering, University of Minnesota, Minneapolis, USA, 1991
 - M.S.M.E Mechanical Engineering, University of Minnesota, Minneapolis, USA, 1988
 - B.E. Mechanical Engineering, NED University of Engineering & Technology, Pakistan, 1985
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
 - Professor, 2012 – present
 - Assistant Dean for Postgraduate Studies and Research, Sep. 2010 - Aug. 2016
 - Head of Department, Sep. 2004 – Aug. 2008
 - Chair, Steering Committee for Mechatronics Engineering Program, 2003-05, 2007-08
 - Manufacturing Engineering Department, International Islamic University Malaysia, 1994-2000
4. Non-academic experience – company or entity, title, brief description of position, when (ex. 1993-1999), full time or part time: -
 - Senior Engineer, Pakistan Space & Upper Atmosphere Research Commission, 1991-1994
 - Consultant, CEMA International, Pakistan, 1991–1994
 - Engineer, Electro International, Pakistan, 1985-1986
5. Certifications or professional registrations: -
 - PE, Pakistan Engineering Council, 1991 - Present
6. Current membership in professional organizations: -
 - American Society of Mechanical Engineers (ASME)
 - Society of Petroleum Engineering (SPE)
 - Oman Society of Engineers (OSE)
 - Life Member, Pakistan Engineering Council (PEC)
7. Honors and awards: -
 - The National Research Award for Energy & Industry Sector - The Research Council of Oman, Muscat, Oman, October 2014
 - Best Researcher Award, College of Engineering, Sultan Qaboos University, 2008
 - Outstanding Faculty Achievement Award, Faculty of Engineering, IIUM, Malaysia, 2000
8. Service activities (within and outside of the institution): -
 - Chair, College of Engineering Curriculum Revision Committee (2017-2018)
 - Chair Technical Committee, 1st Unmanned Vehicle Systems Conference, Muscat (2019)
 - Chair, Strategic Planning Committee for Research, SQU (2012-2013)
 - Member, Innovation Advisory Committee, SQU, (2010-2016)
 - Member, Academic Programs Development Committee, Oman University, (2012-2016)

- Editor, The Journal of Engineering Research, (2013-17); Associate Editor (2002-08; 2016-19)
9. Briefly list the most important publications and presentations from the past five years: -
- S.Z. Qamar, M. Akhtar and **T. Pervez**, (2018) Performance Evaluation of Swelling Elastomers Seals, *Journal of Petroleum Science and Engineering*, Vol. 48 (6), pp 535–545.
 - R. Khan, **T. Pervez**, N. Alrasheedi, Omar S. Al-Abri, and A. Sajid, (2017) Effects of Expansion Rate on Plasticity and Structural Integrity of Down-Hole Tubular, *ASME Journal of Pressure Vessels & Piping*, Vol. 51, pp 1-10.
 - O.S. Al-Abri, **T. Pervez**, M.H. Al-Maharbi, and R. Khan, (2016) Microstructure Evolution of Ultra-Fine Grain Low-Carbon Steel Tubular Undergoing Radial Expansion Process, *Materials Science & Engineering A*, Vol. 654, pp 94-106.
 - O.S. Al-Abri, **T. Pervez**, S.Z. Qamar and R. Khan, (2016) On the Performance Analysis of AHSS with an Application to SET Technology - FEM Simulations and Experimental Measurements, *Thin-Walled Structures*, Vol. 101, pp 58-74.
 - M.S.M. Al-Kharusi, K. Alzebdeh and **T. Pervez**, (2016) An Atomistic-Based Continuum Modeling for Evaluation of Effective Elastic Properties of Single-Walled Carbon Nanotubes, *Journal of Nanomaterials*, Article ID 8641954, pp 1-13.
 - S.A. Al-Hiddabi, **T. Pervez**, S.Z. Qamar, F.K. Al-Jahwari, F. Marketz, S. Al-Houqani and M.v.d. Velden, (2015) Analytical Model of Elastomer Seal Performance in Oil Wells, *Applied Mathematical Modeling*, Vol. 39 (10-11), pp 2836-2848.
 - **T. Pervez**, and A.S. Al-Harthy, (2014) Compartmentalization and Contextual Issues: The Neglected Aspects of Engineering Education”, Special issue of QScience from selected papers of World Congress on Engineering Education, pp. 1-6.
 - O.S. Al-Abri and **T. Pervez**, (2013) Structural Behavior of Solid Expandable Tubular Undergoes Radial Expansion Process - Analytical, Numerical, and Experimental Approaches, *Int. J. of Solids & Structures*, Vol. 50 (19), pp. 2980-2994.
 - **T. Pervez**, K. Alzebdeh and M.S.M. Al Kharusi, Effective Mechanical Properties of Nanoscale Representative Volume Element of CNT-based Nanocomposites” In: Proceedings of 11th Int’l Conference on Composite Science & Technology, Sharjah, UAE, 4-6 April 2017.
 - **T. Pervez**, S.Z. Qamar and O.S. Al-Abri, “Testing of Combined Fast-Swell and Low-Salinity Elastomers Under Replication of Oil-Field Conditions” In: Proceedings of the ASME IMECE2016, # 68474, Phoenix, Arizona, USA, 11-18 November 2016.
 - **T. Pervez**, O.S. Al-Abri, and S.Z. Qamar, “Minimization of Pop-out Phenomenon Effect in Down-hole Tubular Expansion”, In: Proceedings of the ASME IMECE2015, # 51653, Houston, Texas, USA, 13-19 November 2015.
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