

1. Name: **Majid Al-Maharbi**
2. Education – degree, discipline, institution, year: -
 - Ph.D. Materials Science and Eng., Texas A&M University, College Station, USA, 2009
 - MSc. Materials Science and Eng, Arizona State University, Tempe, USA, 2003
 - B.E. Mechanical Engineering, Sultan Qaboos University, Oman, 2000
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
Assistant Professor, 2009-Present
Lecturer, 2003-2009
Demonstrator, 2000-2003
4. Non-academic experience – company or entity, title, brief description of position, when (ex. 1993-1999), full time or part time: -
5. Certifications or professional registrations: -
6. Current membership in professional organizations: -
 - The Minerals, Metals & Materials Society (TMS)
 - American Society of Testing and Measurements (ASTM)
 - Association for Iron and Steel Technology (AIST)
7. Honors and awards: -
8. Service activities (within and outside of the institution): -
 - Reviewer for The Journal of Engineering Research (TJER)
 - A reviewer of local Laboratories in an Assessment Visit conducted by Ministry of Commerce and Industry, 16 June 2016.
 - Participated in the evaluation process of the research projects submitted to the first SQU Student Research Conference, April 2018
 - Participated in the 1st exhibition of Towards Industrial Innovation Solutions organized by the Industrial Innovation Center (IIC) and College of Engineering on April 22nd, 2014.
 - Served as a Technical Expert for the Administrative Court case numbered 25/16
 - Participated in organizing and conducting a series of seminars in Manufacturing as part of the program of Independent Learning Center in SQU, September 2018.
 - Served in jury panels of several nationwide innovation competitions
9. Briefly list the most important publications and presentations from the past five years: -
 - P.K. Krishnan, J.V. Christy, R. Arunachalam, A.-H.I. Mourad, **M. Al-Maharbi**, V. Murali and M.M. Chandra, “Production of aluminium alloy-based metal matrix composites using scrap aluminium alloy and waste materials: Influence on microstructure and mechanical properties”, *Journal of Alloys and Compounds*, 784, (2019), 1047-1061
 - R. Muraliraja, R. Arunachalam, I. Al-Fori, **M. Al-Maharbi** and S. Piya,” Development of alumina reinforced aluminum metal matrix composite with enhanced compressive strength

through squeeze casting process”, *Journal of Materials: Design and Applications*, 233 (2019), 307-314

- S. Al-Owaisi, A.A. Becker, W. Sun, A. Al-Shabibi, **M. Al-Maharbi**, T. Pervez, H. Al-Salmi, “An experimental investigation of the effect of defect shape and orientation on the burst pressure of pressurized pipes”, *Engineering Failure Analysis*, 93 (2018), 200-213
- **M. Al-Maharbi**, A. Al-Shabibi and S.Z. Qamar, ”Manufacturing of low alloy steel sucker rods by continuous process – heat treatment and characterization”, *Materials and Manufacturing Processes*, 33 (2018), 1889-1893
- O.S. Al-Abri, T. Pervez, **M. Al-Maharbi**, R. Khan, “Microstructure evolution of ultra-fine grain low-carbon steel tubular undergoing radial expansion process”, *Materials Science & Engineering A*, 654 (2018), 94-106.
- R. Arunachalam, **M. Al-Maharbi**, Y. Al Kiyumi, E. Aal-Thani and M. Al Mafraji, “Production of Metal Matrix Composite Using a Bottom Tapping Stir Casting Furnace”, *Applied Mechanics and Materials* Vol 772 (2015) pp 263-267.
- **M. Al-Maharbi** and I. Karaman, “Prediction of Flow Stress Anisotropy and Tension Compression Asymmetry of Hot Rolled AZ31B Mg Alloy”, *Advanced Materials Research*, 911 (2014) 178-184.

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

- Program Assessment by ABET, Sultan Qaboos University, February 2012
- Preparing Engineers for Globalized Economy: How to Teach Engineering Students Process Skills by Prof. Nikos J. Mourtos, Sultan Qaboos University, May 2015
- Introduction to CDIO Initiative by Dr. Juha Kontio, Sultan Qaboos University, May 2016