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WORK EXPERIENCE

- 2019- Now Dean of the College of Engineering, Majmaah University
- 2015- 2019 Vice Dean for Academic Affairs College of Engineering at Majmaah University
- 2015- 2018 Head of Department Mechanical and Industrial Engineering, College of Engineering, Majmaah University
- 2014- 2015 Vice Dean for Academic Accreditation- Deanship of Quality and Skills Development, Majmaah University
- 2014- Now Assistant Professor in the Department of Mechanical and Industrial Engineering, Majmaah University
- 2012- 2014 Assistant Professor in Manufacturing Engineering, Riyadh Technical College
- 2001- 2012 Lecturer - Repeater in Manufacturing Engineering, Riyadh Technical College
- 2000-2001 Mechanical Engineer at Riyadh Water Program
Managing 20 mechanical technicians in maintenance work of water pumps, valves, pipes in the water distribution system in Riyadh

EDUCATION

- 2007- 2011 PhD in Manufacturing Engineering, field of Rapid Manufacturing University of Cardiff, UK
- 2005-2006 MSc in Computer Integrated Manufacturing and its Management University of Huddersfield, UK
- 1995-2000 Bachelor of Engineering, department of Mechanical Engineering in the field of Manufacturing Engineering.
Final Year Project: Study of the Implementation of Total Quality in 30 factories, KSA

AWARDS

- Strategic planning program, awarded (2008) by Saudi Student Clubs and School, UK
- Leadership through Personal Goal Setting, awarded (2009) by Leadership Management International (LMI), UK
- Participation at the 3rd Saudi International Conference, awarded by 3rd SIC Conference (2009), Surrey University, UK
- Teamwork and Leadership Development, awarded (2010) by Quality Side Training Ltd, Manchester, UK
- Negotiation and Influencing Skills, awarded (2010) by Quality Side Training Ltd, Manchester, UK
- Display Screen Risk Assessors Course, awarded (May 2011) by Cardiff University, UK
- Assessment and Treatment of Late and End Stage Rehabilitation (ATLER) Team, awarded (July 2011) by Cardiff University, UK
- Total quality trainers TQT (2014) Now Company
- Standard Specification ISO 9001:2008 (2014) by Al-Masader Al-Dualiyah for Environmental & Quality Systems CO
- Training of trainers (2014) by Now Company for Training & Education & consulting
- Learning outcomes for programs and courses (2015) by NCAAA
- Emotional intelligence for academic leaders (2015) by ministry of education
- Student affair leaders: How to create vibrant campus experience for student (2015) by the academic leadership Centre, Ministry of education
- Change management (2015) by academic leadership Centre, ministry of education
- External Reviewers Training (2016) by NCAAA & BRITISH COUNCIL
- Structural modelling and analysis using the Risa software package (2017) by Saudi Council of Engineers

RESEARCH PROJECTS

Project Title	Funder
Development and Evaluation of new customized below-knee prosthesis.	KACST
Advanced manufacturing research group	Deanship of Scientific Research, Majmaah University
Orthotropic properties of cement-filled PA12 manufactured by SLS	Deanship of Scientific Research, Majmaah University

PUBICATIONS

- Aldahash, S. A., Gadelmoula, A.M. (2020), Orthotropic properties of cement-filled polyamide12 manufactured by selective laser sintering, *Rapid Prototyping Journal*, (Published ahead of print): DOI 10.1108/RPJ-07-2019-0191
- Abdelaal, O. Darwish, S. Abd Elmougoud, K., Aldahash, S. A. (2019), A new methodology for design and manufacturing of a customized silicone partial foot prosthesis using indirect additive manufacturing. *The International Journal of Artificial Organs*, 42 (11): 645-657, DOI: 10.1177/0391398819847682
- Gadelmoula, A. M., Aldahash, S. A. (2019) Effects of Fabrication Parameters on the Properties of Parts Manufactured with Selective Laser Sintering: Application on Cement-Filled PA12. *Advances in Materials Science and Engineering*, <https://doi.org/10.1155/2019/8404857>
- Aldahash, S. A. (2018), Optimum manufacturing parameters in selective laser sintering of PA12 with white cement additives. *Int J Adv Manuf Technol.* 96, 257–270, <https://doi.org/10.1007/s00170-018-1584-y>
- Aldahsh, S. A. (2013), Dependence of SLS Parameters on Thermal Properties of Composite Material. *J Appl Mech Eng*, 2 (5), doi: 10.4172/2168-9873.1000130
- Aldahash, S. A., Salman, S. A., Gadelmoula, A. M. (2020), Towards Selective Laser Sintering of Objects with Customized Mechanical Properties Based on ANFIS Predictions, *Journal of Mechanical Science and Technology* (under review)
- S.A. Aldahsh, W. A. Yusoff, (2014) A survey on total quality management implementation in Jubail and Yanbu manufacturing industries, 2nd International Conference and Exhibition on Mechanical & Aerospace Engineering, Philadelphia, USA
- S.A. Aldahsh, (2010) Mechanical Properties of Cast Parts Similar to SLS Parts Cement and Polyamide 12 Composite, 9th Manufacturing Engineering Conference, Cardiff University, UK
- S.A. Aldahsh, D.T. Pham, (2009), Selective laser sintering of cement with polyamide 12 Composite, 3th Saudi International Conference, Surrey University, UK

COMMITTEES AND COUNCILS

- Head of College of Engineering Council
- Member of MU International Prosthetic Rehabilitation Centre, Majmaah University
- Member of Saudi Scientific Society for Medical Sensors, Majmaah University
- Organizing Committee Member for Mech Aero-2014, Philadelphia, USA
- Head of Construction Projects Committee at Majmaah University
- Member of Campus Safety and Security Committee at Majmaah University
- Member of Study Projects Committee at Majmaah University
- Member of Preparation of Construction Projects Committee at Majmaah University
- Head of Academic Advising Committee at College of Engineering
- Head of Registration and Exams Committee at College of Engineering
- Head of Students Affairs Committee at College of Engineering
- Head of Students Conduct Committee at College of Engineering
- Head of Operation Plan Committee at College of Engineering
- Member of Teaching Assistants and Lecturers Committee at College of Engineering
- Member of the College of Engineering Council
- Member of Mechanical and Industrial Engineering Department Council
- Member of Engineering and Applied Science Research Center at Majmaah University
- Member of Deanship of Quality and Skills Development Council
- Member of Operation Plan Committee of all college at Majmaah University
- Head of Preparation of institutional self-study Committee at Majmaah University