

Dr. Jasem Alotaibi

Associate Professor of Automotive and Marine Engineering Technology

Education:

2002, B.Sc., Arab Academy for Science and Technology, Alexandria
2008, M.Sc., University of Bradford, United Kingdom
2014, Ph.D., University of Southern Queensland, Australia.

Number of years of service on this faculty:

Fourteen Years
2008 – 2012 Assistant Instructor of Automotive and Marine Engineering Technology
2014 – 2022 Assistant Professor of Automotive and Marine Engineering Technology
2022 - Present Associate Professor of Automotive and Marine Engineering Technology

Other related experience:

2002 to 2004, Ministry of Works.
2004 to 2007, Ministry of Energy.
2007 – Present in PAAET.

Teaching interests:

Engineering Drawing, Fluid Mechanics, Thermodynamics, Applied Mechanics, Material science, Power Transmission, Introduction to Automotive Engineering Technology

Courses taught at PAAET:

Engineering Drawing, Fluid Mechanics, Thermodynamics, Applied Mechanics, Material science, Power Transmission.

Research interests:

Tribology, Heat Transfer, Design, Vibration.

Principal publications of last eight years:

1. Mohammed Almutairi , J.G. Alotaibi , B.F. Yousif, Two strokes engine performance using waste cooking oil Int. Journal of Engineering Research and Application www.ijera.com ISSN : 2248-9622, Vol. 7, Issue 12, (Part -4) December 2017, pp.57-62
2. J.G. Alotaibi , Teoh Kok Poh , C W Chin , B F Yousif, Simulation of High Stress Three Body Abrasion, International Journal of Science and Technology Volume 7 No.1, January 2017 ISSN 2224-3577
3. Jasem G. Alotaibi, Ako K. Omer, Nbhah D Salih and Belal F. Yousif, Tribological Performance of Materials under Bio-three Body Abrasion, American Journal of Applied Sciences, Volume 17 No.1, august 2017 ISSN 1546-9239
4. J.G. Alotaibi, Ayedh Alajmi , Influence of Waste Cooking Oil Temperature on Wear and Frictional Behaviour of Metals Sliding against Stainless Steel Counterface, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 6, Issue 2, February 2017
5. J.G. Alotaibi ,Bio Resources in Automotive Engineering Applications, International Journal of Engineering Research & Technology (IJERT) Vol. 6 Issue 02, February-2017.
6. M. A. Morad, Abdulwahab A. Alnaqi, Ahmad E. Murad, Nawaf Alhaifi, J. G. Alotaibi, Ayedh Alajmi, The Measurement of Fuel Consumption under Hot Ambient Temperature in Kuwait City , SSRG International Journal of Mechanical Engineering (SSRG-IJME) volume 4 Issue 3 March 2017 .
7. Alotaibi, J., B. Yousif, and T. Yusaf, Wear behaviour and mechanism of different metals sliding against stainless steel counterface. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2014. 228(6): p. 692-704.
8. J. G. Alotaibi, Abdullah T Alenzi, Ayedh Alajmi, Abdulwahab A. Alnaqi, Vibration Isolation of Bus Engine, SSRG International Journal of Mechanical Engineering (SSRG-IJME) – volume 3 Issue 5 – May 2016

9. Alotaibi, J., A. Alajmi, and A.S. ALotaibi, The Experimental Investigation of The performance of Phosphor Coating. GSTF Journal of Engineering Technology (JET), 2016. 3(4): p. 66.
10. Alotaibi, A.S. and J. Alotaibi, An Analytical assessment of Lean Manufacturing Strategies and Methodologies Applied to Kuwait Oil Company (KOC). GSTF Journal of Engineering Technology (JET), 2016. 3(4): p. 59.
11. Alotaibi, J., B. Yousif, and T. Yusaf. Wear and frictional behaviour of metals. in Proceedings of the 3rd International Conference on Advanced Materials and Engineering Materials (ICAMEM 2013). 2014. Trans Tech Publications Inc.
12. Alotaibi, J., B. Yousif, and T. Yusaf, Brass, aluminium, and mild steel sliding against stainless steel under dry conditions. International Journal of Precision Technology, 2015. 5(2): p. 85-96.
13. Hassan, A., et al., Simulation of Fragmentation Technique Using ANSYS Software, in Processing Techniques and Tribological Behavior of Composite Materials 2015, IGI Global. p. 341-372.
14. Ali, A., A. Al Ajami, and J. Alotaibi, Subjective and Objective Evaluation of the Effect of Packet Loss and Delay on Video Streaming Quality. International Journal of Computer and Information Technology, 2016.(2)
15. Alotaibi, J. and B. Yousif, Biolubricants and the potential of waste cooking oil, in Ecotribology 2016, Springer. p. 125-143.
16. Alajmi, A., I. Abdalla, and J. Alotaibi, Numerical Study of Reacting Flow in a Methane Burner with a Detailed Reaction Mechanism. American Scientific Research Journal for Engineering, Technology, and Sciences (ASRJETS), 2016. 23(1): p. 283-300.
17. Ayedh Alajmi , Mansour Bin Talha, Ibrahim Abdalla, Jasem Alotaibi, Abdullah Shalwan, The Effect of Adding Perforation at Air Inflow on the Mixing and Combustion of Propane Jet in a Simple Burner, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 6, Issue 1, January 2017 .
18. F.Z. Alshammari , K.H. Saleh , B.F. Yousif , A. Alajmi, A. Shalwan , J.G. Alotaibi, The Influence of Fibre Orientation on Tribological Performance of Jute Fibre Reinforced Epoxy Composites Considering Different Mat Orientations, American Journal of Applied Sciences Vol. 40, No. 3 (2018) 335-348, DOI: 10.24874/ti.2018.40.03.01
19. Jasem G. Alotaibi, Ayedh Eid Alajmi, Belal F. Yousif and Nghan D. Salih, Effect of Fibre Content on Compressive and Flexural Properties of Coconut Fibre Reinforced Epoxy Composites, American Journal of Applied Sciences, Volume 17 No.1, 2020 ISSN 1546-9239
20. Ayedh Alajmi, T.S. Ashwin, J.G. Alotaibi and B.F. Yousif, Tribological Characteristics of Commercial Metals, Research Journal of Applied Sciences, Engineering and Technology, 2020, Volume: 17, Issue: 4, Page No: 122-128
21. Ayedh Alajmi, J. G. Alotaibi, Meshari Alrashidi and B.F. Yousif, The Adhesive Wear Behaviour of UHMWPE for Knee Replacement Applications, International Journal of Applied Engineering Research, ISSN 0973-4562 Volume 14, Number 19 (2019) pp. 3763-3769
22. Menwer F.M. Alenezi and J. G. Alotaibi, An Experimental Study on Friction-Induced Vibration in Brake System Using Different Friction Materials, International Journal of Latest Engineering and Management Research (IJLEMR), Volume 04 -Issue 06 || June 2019 || PP. 11-18 ISSN: 2455-4847
23. Jasem Ghanem Alotaibi , Ayedh Eid Alajmi, Gabrel A. Mehoub and Belal F. Yousif, Epoxy and Polyester Composites' Characteristics under Tribological Loading Conditions, . Polymers 2021, 13, 2230. <https://doi.org/10.3390/polym13142230>
24. Ayedh Eid Alajmi, Jasem Gh. Alotaibi, B. F. Yousif , and Umar Nirmal, Tribological Studies of Bamboo Fibre Reinforced Epoxy Composites Using a BOD Technique, Polymers 2021, 13, 2444. <https://doi.org/10.3390/polym13152444>

Scientific and professional societies of which a member:

1. Member of Kuwaiti Society of Mechanical Engineers since 2002.
2. Member of the fiber composite center in University of Southern Queensland since 2012.

Honors and awards:

Institutional service in last twenty years:

2014: Doctor of Philosophy (Mechanical Engineering), university of southern Queensland, Queensland, Qld 450, Australia.

2008: Master of mechanical engineering, university of Bradford, United Kingdom.

2002: Bachelor of Engineering (Mechanical Engineering).

Professional service in last five years:

1. International Journal of Machine Tools and Manufacture
2. Journal of Industrial and Engineering Chemistry
3. Materials and Design
4. Tribology International
5. Wear
6. Tribology Transaction, Talyer and Frances
7. Journal of Tribology, ASME

Professional development activities in last five years:

1. Admin work at the department.
2. Promotion committee.
3. Hiring Committee.
4. Industrial relationship.
5. Advisor for Students.
6. Financial department.