



Curriculum Vitae

for Academic Staff

Full Name	Norie Allafi Ali Akeel
Current Position	Assistant Prof
E-mail	nakeel@soharuni.edu.om
Faculty	Faculty of Engineering
Academic Qualifications	PhD Degree Of Mechanical & Materials Engineering, (UKM) Malaysia, 2013. Master Degree Of Mechanical & Materials Engineering, (UKM) Malaysia, 2008. Bachelor's Degree Of Mechanical Engineering, University Of Sebha - Libya, 2002.
Main specialization	Mechanical and Materials Engineering, Fracture Mechanics
Working Experience	2 Moths at Sohar University (Sultanate Oman), Infrastructure University Kuala Lumpur (Malaysia, 2013-2014), Higher Technical Institute in Sebha (Libya, 2002-2005), Industrial Researches Center (Libya, 2002-2003), Alwameed Company (Libya, 2004-2005), Researcher Assistant at UKM (Malaysia, 2008-2011)
Courses Taught	Strength Of Materials, Engineering Drawing, Engineering Materials, Solid Mechanics, and Failure Analysis.
Academic, Research, and Professional activities.	<p>Member of Computational and Experimental Mechanics Group. Member of technical committee of 8th International Conference on Fracture and Strength of Solids (FEOFS), 7th to 9th June – 2010 Kuala Lumpur, Malaysia (UKM). Member of consultation work in Malaysia for KL Star Rail Sdn. Bhd. Member of consultation work in Malaysia for Zelleco Engineering Sdn. Bhd. Member of Libyan community at UKM University.</p> <p>Norie A. Akeel, Z. Sajuri & A. K. Ariffin. 2009. Analysis of stresses and fatigue crack initiation life of wheel/rail contact. 7th International Conference on Fracture and Strength of Solids (FEOFS), 7th to 9th June, Pulau Pinang, Malaysia.</p> <p>N. A. Akeel, M. A. Aziman, Z. Sajuri, A. K. Ariffin & A. W. Ikhsan. 2010. Identification of damages and stress analysis of rail/wheel rolling contact region. 8th International Conference on Fracture and Strength of Solids (FEOFS), 7th to 9th June, Kuala Lumpur, Malaysia.</p>



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- NORIE. A. Akeel**, Z. Sajuri & A. K. Ariffin.2010. Stress distribution analysis of rail/wheel rolling contact region. Regional Engineering Postgraduate Conference (EPC). Universiti Kebangsaan Malaysia, Malaysia.
- N. A. Akeel**, M. A. Aziman, Z. Sajuri, A. K. Ariffin & A. W. Ikhsan. 2010. Identification of damages and stress analysis of rail/wheel rolling contact region. Key Engineering Material. Vols. 462-463 (2011) pp 1152-1157. (ISI/SCOPUS)
- N.A. Akeel**, Z. Sajuri & A.K. Ariffin. 2011. Analysis of Rolling Contact Fatigue Damage Initiation at The Wheel-Rail Interface. Australian Journal of Basic and Applied Sciences, 5(12): 937-945. ISSN 1991-8178. (ISI/SCOPUS)
- N. A. Akeel**, Z. Sajuri & A. K. Ariffin.2011. Prediction of fatigue crack propagation of rail material using 2d finite element modeling. Applied Mechanics and Materials. Vol. 165 (2012), pp 16-20. (ISI/SCOPUS)
- N. A. Akeel**, Z. Sajuri, A. K. Ariffin & M. Abdul Razzaq., Three Dimensional Simulations on Stress Distribution and Fatigue Damage Life of Wheel/Rail Contact Region. Advanced Materials Research. 2011. Volumes 284 - 286, pp 1262-1265. (SCOPUS)