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Pakistan Navy Engineering College

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About

Dr. Salman Nisar is working as Associate Professor in the Pakistan Navy Engineering College. Dr. Salman Nisar has a PhD in Advanced Manufacturing Technologies. Dr. Salman Nisar has published 14 research articles & conference papers having a citation count of 135, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Advanced Manufacturing Technologies	2006 - 2016
University of Manchester , United Kingdom	
MS in Manufacturing & Systems Management	2004 - 2005
University of Manchester , United Kingdom	
BE in Mechanical Engineering	1999 - 2003
NUST, Islamabad , Pakistan	

Experience

Associate Professor	2021- Present
Pakistan Navy Engineering College	
Associate Professor	2018 - 2016
Pakistan Navy Engineering College	
Associate Professor	2016 - 2012
Pakistan Navy Engineering College	
Assistant Professor	2012 - 2018
Pakistan Navy Engineering College	
Assistant Professor	2010 - 2018
Pakistan Navy Engineering College	
Part-time Teaching Assistant	2007 - 2010
The University of Manchester ,	

Professional Memberships

PEC

Research Articles

Optimization of process parameters for laser welding of A5083 aluminium alloy	2023
Salman Nisar Ameer Noor Syed Aqueel Shah Usama Siddiqui Sohaib Zia Khan	
Optics and Laser Technology , Volume 163, Article Number 109435	
Impact Factor: 4.939 Quartile: 1 Citations: 20	
DOI: 10.1016/j.optlastec.2023.109435	
Structural Performance of Fusion Weld Based on Weld Parameters and Strain Rate in High-Density Polyethylene	2021
Ahmed Faraz Behzad Ahmed Zai Salman Nisar Asif Mansoor Rashid Ali	
Journal of Testing and Evaluation , Pages 1-18	
Impact Factor: 1.264 Quartile: 3 Citations: 1	
DOI: https://doi.org/10.1520/JTE20210139	

Evaluation of Heat Treatment Effect on the Tensile Strength of Mild Steel Welded Joints Using Ultrasonic Testing <i>Syed Aqueel shah Abid Shah Ghazanfar Ali Tariq Mairaj Rasool Khan Muhammad Imran Salman Nisar</i> <i>Russian Journal of Nondestructive Testing</i> , Volume 57, No. 6, Pages 455-464 Impact Factor: 0.674 Quartile: 4 Citations: 3 DOI: https://doi.org/10.1134/S1061830921060024	2021
Measurement of Structural Performance of Fusion Weld with Change of Welding Parameters in High-Density Polyethylene <i>Ahmed Faraz Behzad Ahmed Zai Salman Nisar Asif Mansoor Ali Rashid</i> <i>Journal of Testing and Evaluation</i> , Volume 49, Pages 1-14 Impact Factor: 1.333 Quartile: 3 DOI: https://doi.org/10.1520/JTE20200273 .	2021
Low-Velocity Impact Characterization of Fiber-Reinforced Composites with Hygrothermal Effect <i>Behzad Ahmed Zai M. A. Khan M.K. Park Majid Shehzad M. A. Shahzad Salman Nisar S.Z. Khan Kamran Khan Syed Aqueel shah</i> <i>Journal of Testing and Evaluation</i> , Volume 47, Issue 1 Impact Factor: 0.877 Quartile: 4 Citations: 4 DOI: 10.1520/JTE20170620	2019
Proposing Probabilistic Operational Risk Assessment Model for Textile Industry Using Bayesian Approach <i>Mustafa Jan Dr Akbar Ali Saeed Khalid Salman Nisar</i> <i>Fibers & Textiles in Eastern Europe</i> , Vol. 127, No. 1, Pages:10-20 Impact Factor: 0.677 Quartile: 3 Citations: 5 DOI: 10.5604/01.3001.0010.5860	2018
Effect of hybrid reinforcement on the performance of filament wound hollow shaft <i>Mateen Tariq Salman Nisar Syed Aqueel shah Sohaib Akbar Muhammad Ali Khan Sohaib Zia Khan</i> <i>Composite Structures</i> , NULL Impact Factor: 4.829 Quartile: 1 Citations: 27 DOI: http://dx.doi.org/10.1016/j.compstruct.2017.09.098	2018
A Projected Finite Element Update Method for Inverse Identification of Material Constitutive Parameters in transversely Isotropic Laminates <i>Muhammad Zeeshan Siddiqui Sohaib Zia Khan Muhammad Ali Khan Kamran Ahmed Khan Majid Shahzad Salman Nisar Danish Noman</i> <i>Experimental Mechanics</i> , Volume 57, Issue 5, Pages 755-772 Impact Factor: 2.319 Quartile: 2 Citations: 11 DOI: https://doi.org/10.1007/s11340-017-0269-z	2017
Reducing machining distortion in AA 6061 alloy through re-heating technique <i>Abdul Rafey Khan Salman Nisar Syed Aqueel shah Muhammad Ali Khan Sohaib Zia Khan M. A. Sheikh</i> <i>Materials Science and Technology</i> , Volume 33, Issue 6, Pages 731-737 Impact Factor: 1.803 Quartile: 2 Citations: 21 DOI: 10.1080/02670836.2016.1243335	2017
Comparison of ANN and Finite Element Model for the Prediction of Thermal Stresses in Diode Laser Cutting of Float Glass <i>Muhammad Bilal Kadri Salman Nisar Sohaib Zia Khan Waqar Ahmad Khan</i> <i>Optik - International Journal for Light and Electron Optics</i> , Volume 126, Issue 19, Pages 1959-1964 Impact Factor: 0.742 Quartile: 4 Citations: 14 DOI: doi:10.1016/j.ijleo.2015.05.033	2015
Mechanical fatigue in aluminium at elevated temperature and remaining life prediction based on natural frequency evolution <i>Muhammad Ali Khan W. Sohail M. Sohaib Sohaib Zia Khan H. Khan Salman Nisar</i> <i>Fatigue & Fracture of Engineering Materials & Structures</i> , Volume 38, Issue 8, Pages: 897-903 Impact Factor: 1.838 Quartile: 1 Citations: 29 DOI: DOI: 10.1111/ffe.12287	2015
Effect Of T6 Heat Treatment on Mechanical Properties Of Ceramic Reinforced Casted Aluminum Alloy <i>Muntazir Abbas Salman Nisar Faisal Imtiaz Syed Aqueel shah</i> <i>Iranian Journal of Materials Science and Engineering</i> , Volume 12(2), Pages 18-25 Impact Factor: N/A	2015

Conference Proceedings

Surface analysis of conversion coating of ASTM A 516 <i>Muhammad Ali Khan Aqueel Shah Adeel Yusuf Salman Nisar</i> <i>11th International Conference on Through-life Engineering Services – TESConf2022, res.country(231,)</i> Citations: N/A DOI: https://dspace.lib.cranfield.ac.uk/handle/1826/18680	2022
Comparison of Gear Profile and Lead Variation developed by CNC Wire-EDM and Hobbing <i>Abdul Rahim Aqueel Shah Salman Nisar</i> <i>5th International Mechanical Engineering Congress , res.country(177,)</i> Citations: N/A DOI: Nil	2015