

Naveed Akmal Din

Assistant Professor

College of Electrical & Mechanical Engineering

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About

Dr. Naveed Akmal Din is working as Assistant Professor in the College of Electrical & Mechanical Engineering. Dr. Naveed Akmal Din has a PhD in Vibrations. Dr. Naveed Akmal Din has published 10 research articles & conference papers having a citation count of 11, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Vibrations	2002 - 2015
University of Manchester , England	
BS in Mechanical	1998 - 2001
University of Manchester , England	

Experience

Assistant Professor	2017- Present
College of Electrical & Mechanical Engineering	
Assistant Professor	2016 - 2016
College of Electrical & Mechanical Engineering	
Teaching Assistant	2003 - 2010
The University Of Manchester , The University of Manchester, Oxford Rd, M13 9PL UK	

Awards

DTA scholarship	2002
The Engineering and Physical Sciences Research Council (EPSRC) DTA scholarship	

Research Articles

Residual Stress in Friction Stir Welding of Dissimilar Aluminum Alloys: A Parametric Study	2025
<i>Zulqarnain Sarfaraz Yasser Riaz Awan Hasan Aftab Saeed Muhammad Rehan Khan Michał Wieczorowski Naveed Akmal Din</i> <i>Materials</i> , Volume: 18, Issue: 2, Article Number: 316, Pages:15 Impact Factor: 3.1 Quartile: 1 Citations: 2 DOI: https://doi.org/10.3390/ma18020316	
Locator Placement Optimization for Minimum Part Positioning Error During Machining Operation Using Genetic Algorithm	2021
<i>Sajid Ullah Butt Mamoon Arshad Aamer Ahmed Baqai Hasan Aftab Saeed Naveed Akmal Din Rehan Ahmed Khan</i> <i>International Journal of Precision Engineering and Manufacturing</i> , Volume 22(5), Pages 813-829 Impact Factor: 2.041 Quartile: 3 Citations: 9 DOI: https://doi.org/10.1007/s12541-021-00500-6	
Mathematical Modeling of Aircraft Flying Qualities with Varying Tail Dihedral	2019
<i>M. Uzair Khan Naveed Akmal Din M. Diyan Khan M. Fawad Hussain</i> <i>International Journal of Materials, Mechanics and Manufacturing</i> , Volume 7, No. 5, Pages 224-229 October 2019 Impact Factor: 0 DOI: 10.18178/ijmmm.2019.7.5.464	

- Damage Detection and Quantification in Cantilevered Beam Using Modal Strain Energy and Genetic Algorithm** 2023
Muhammad Shoaib Ur Rehman Dr Naveed Akmal Din Muhammad Wasif Khan
Recent Advances in Structural Health Monitoring and Engineering Structures, res.country(241,)
Citations: N/A
DOI: 10.1007/978-981-97-0399-9_58
- Simulation of Accelerated Ageing Conditions on Ballistic Resistance of Dyneema® Polyethylene Composites** 2020
Adnan Ahmed Naveed Akmal Din
5th International Conference on Frontiers of Composite Materials, res.country(13,)
Citations: N/A
DOI: <https://doi.org/10.4028/www.scientific.net/MSF.1041.23>
- Damage detection in a fixed-fixed beam using natural frequency changes** 2020
Muhammad Wasif Khan Naveed Akmal Din Rizwan Ul Haq
44th International JVE Conference, res.country(2,)
Citations: N/A
DOI: <https://doi.org/10.21595/vp.2019.21081>
- Aerodynamic Comparison of Unconventional Aircraft Tail Setup** 2019
M Uzair Khan Naveed Akmal Din M Diyan Khan M Zeeshan Babar M Fawad Hussain
22nd IEEE International Multitopic Conference (INMIC), res.country(177,)
Citations: N/A
DOI: 10.1109/INMIC48123.2019.9022788
- Passive Vibration Control of Plate using Nodal Patterns of Mode Shape** 2019
Zainab Abdul Malik Naveed Akmal Din
37th International JVE Conference, res.country(201,)
Citations: N/A
DOI: 10.21595/vp.2019.20716
- Mathematical modeling for the vertical damping analysis of sonobuoy lumped suspension system** 2018
Naveed Akmal Din Muhammad Farid Shahid Ali Zeeshan Ali Cheema
15th International Bhurban Conference on Applied Sciences and Technology (IBCAST), res.country(177,)
Citations: N/A
DOI: <https://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=8305560>
- Modal Characteristics of Swept Cantilevered Plates** 2004
Naveed A Din S. Olutunde Oyadiji
ASME 7th Biennial Conference on Engineering Systems Design and Analysis, res.country(231,)
Citations: N/A
DOI: 10.1115/ESDA2004-58560