

Asim Shahzad

Associate Professor

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About

Dr. Asim Shahzad is working as Associate Professor in the College of Aeronautical Engineering. Dr. Asim Shahzad has a PhD in Composite Materials. Dr. Asim Shahzad has published 15 research articles & conference papers having a citation count of 1060, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Composite Materials University of Wales, Swansea , United Kingdom	2005 - 2009
BE in Mechanical Engineering University of Newcastle-upon-Tyne , United Kingdom	1992 - 1995
Post Grad Diploma in Physics Maths University of the Punjab , Pakistan	1988 - 1990

Experience

Associate Professor College of Aeronautical Engineering	2023- Present
Principal Engineer Dr A Q Khan Research Laboratories (KRL) , PO Box 1384, Rawalpindi	1992 - 2023

Research Articles

Incorporation of Ceramic-Based Lyophilized Sepiolite Clay Enhances Mechanical Properties and Thermal Stability of HDPE <i>Shafi Ur Rehman Sana Javaid Sadaf Munir Fawad Ahmed Muhammad Shahid Asim Shahzad Badar Rashid Ahmed B. M. Ibrahim Maged S. Al-Fakeh</i> <i>Polymer Composites</i> Impact Factor: 4.700 Quartile: 1 DOI: https://doi.org/10.1002/pc.70009	2025
The Re-/Up-Cycling of Wood Waste in Wood–Polymer Composites (WPCs) for Common Applications <i>Carmen-Alice Teaca Asim Shahzad Ioana A. Duceac Fulga Tanasa</i> <i>Polymers</i> , Volume 15, Issue 16, Article Number 3467 Impact Factor: 5.0 Quartile: 1 Citations: 6 DOI: 10.3390/polym15163467	2023
The Synergistic Effect of Polystyrene/Modified Boron Nitride Composites for Enhanced Mechanical, Thermal and Conductive Properties <i>Shafi Ur Rehman Sana Javaid Muhammad Shahid Nasir Mahmood Ahmad Badar Rashid Caroline R. Szczepanski Asim Shahzad</i> <i>Polymers</i> , Volume 15(1), Article Number 235 Impact Factor: 4.967 Quartile: 1 Citations: 5 DOI: https://doi.org/10.3390/polym15010235	2023
Effects of stabilization patterns on the static and fatigue behavior of glass fiber non-crimp fabric composites <i>Sanaullah Nasir Asim Shahzad</i> <i>Journal of Composite Materials</i> , Volume:53, Issue:25, Pages 3589-3598 Impact Factor: 1.972 Quartile: 3 Citations: 1 DOI: https://doi.org/10.1177/0021998319843994	2019
Validation of fatigue damage model for composites made of various fiber types and configurations <i>Asim Shahzad Sanaullah Nasir</i>	2018

<i>Journal of Composite Materials</i> , Volume:52, Issue:9, Pages 1183-1191	
Impact Factor: 1.755 Quartile: 3 Citations: 2	
DOI: https://doi.org/10.1177/0021998317722402	
Fatigue properties of hemp and glass fiber composites	2014
<i>Asim Shahzad D. H. Isaac</i>	
<i>Polymer Composites</i> , Volume:35, Issue:10, Pages 1926-1934	
Impact Factor: 1.632 Quartile: 2 Citations: 43	
DOI: https://doi.org/10.1002/pc.22851	
Accelerated Weathering Properties of Hemp Fibre Composites	2014
<i>Asim Shahzad</i>	
<i>Open Access Library Journal</i> , Volume 1(3), Pages 1-8	
Impact Factor: N/A	
DOI: https://doi.org/10.4236/oalib.1100606	
A study in physical and mechanical properties of hemp fibres	2013
<i>Asim Shahzad</i>	
<i>Advances in Materials Science and Engineering</i> , Volume:2013, Article ID 325085, 9 pages	
Impact Factor: 0.897 Quartile: 3 Citations: 102	
DOI: https://doi.org/10.1155/2013/325085	
Effects of alkalization on tensile, impact, and fatigue properties of hemp fiber composites	2012
<i>Asim Shahzad</i>	
<i>Polymer Composites</i> , Volume:33, Issue:7, Page:1129-1140	
Impact Factor: 1.482 Quartile: 1 Citations: 57	
DOI: https://doi.org/10.1002/pc.22241	
Hemp fiber and its composites - A review	2012
<i>Asim Shahzad</i>	
<i>Journal of Composite Materials</i> , Volume:46, Issue:8, Pages 973-986	
Impact Factor: 0.936 Quartile: 2 Citations: 526	
DOI: https://doi.org/10.1177/0021998311413623	
Effects of water absorption on mechanical properties of hemp fiber composites	2012
<i>Asim Shahzad</i>	
<i>Polymer Composites</i> , Volume:33, Issue:1, Pages 120-128	
Impact Factor: 1.482 Quartile: 1 Citations: 29	
DOI: https://doi.org/10.1002/pc.21254	
Effects of fibre surface treatments on mechanical properties of hemp fibre composites	2011
<i>Asim Shahzad</i>	
<i>Composite Interfaces</i> , Volume:18, Issue:9, Pages 737-754	
Impact Factor: 0.438 Quartile: 3 Citations: 16	
DOI: http://doi.org/10.1163/156855412X629583	
Comparison of tensile properties and impact damage tolerance of hemp and glass fiber composites	2011
<i>Asim Shahzad</i>	
<i>Journal of Reinforced Plastics and Composites</i> , Volume:30, Issue:22, Pages 1877-1893	
Impact Factor: 0.727 Quartile: 2 Citations: 15	
DOI: https://doi.org/10.1177/0731684411431123	
Impact and fatigue properties of hemp-glass fiber hybrid biocomposites	2011
<i>Asim Shahzad</i>	
<i>Journal of Reinforced Plastics and Composites</i> , Volume:30, Issue:16, Pages 1389-1398	
Impact Factor: 0.727 Quartile: 2 Citations: 113	
DOI: https://doi.org/10.1177/0731684411425975	

Editorial Activities

SURFACE TREATMENT METHODS OF NATURAL FIBRES AND THEIR EFFECTS ON BIOCOMPOSITES Edited Journal Issue / Proceeding / Book Impact Factor: N/A	2022
Materials Science and Technologies Edited Journal Issue / Proceeding / Book Impact Factor: N/A	2017