

Sara Khushbash

Defence Faculty

College of Aeronautical Engineering

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Contact:



About

Dr. Sara Khushbash is working as Defence Faculty in the College of Aeronautical Engineering. Dr. Sara Khushbash has published 8 research articles & conference papers having a citation count of 34, carried out 0 projects and filed 0 intellectual property.

Qualifications

BS in BE AEROSPACE	2011 - 2015
NUST, Islamabad , Pakistan	

Experience

Defence Faculty	2025- Present
College of Aeronautical Engineering	
Defence Faculty	2021 - 2021
College of Aeronautical Engineering	
Instructor	2021 - 2022
CAE,NUST , Aerospace department NUST CAE	

Research Articles

Investigating the failure mechanism of an aircraft longeron fitting and devising the mitigation techniques	2025
Syed muhammad wajeeh Shah Sara Khushbash Haris Ali Khan Muhammad Talha	
Engineering Failure Analysis , Volume 168, Article Number 109115	
Impact Factor: 4.400 Quartile: 1 Citations: 1	
DOI: 10.1016/j.engfailanal.2024.109115	
Investigation of temperature assisted corrosion failure of an aircraft turbine blade	2025
Asad Hameed Sara Khushbash Asad Mumtaz Haris Ali Khan Aamer Shahzad	
Engineering Failure Analysis , Volume:167, Part A, ID:108909,	
Impact Factor: 4.4 Quartile: 1 Citations: 1	
DOI: https://doi.org/10.1016/j.engfailanal.2024.108909	
Extrusion-based additive manufacturing of CFRP/steel/CFRP multi-material structure: Process development and influence of heat treatment on the mechanical performance	2024
Waseem Ahmad Haris Ali Khan Sharjeel Salik Hafiz Qasim Ali Sara Khushbash Zahid Ahmad	
Journal of Manufacturing Processes, Volume 124 , Pages 891-908	
Impact Factor: 6.100 Quartile: 1 Citations: 6	
DOI: https://doi.org/10.1016/j.jmapro.2024.06.017	
Investigation of failure and development of mitigation techniques of a cracked aircraft wing spar cap	2023
Haris Ali Khan Asad Hameed Armaghan Shahid S Zameer Abbas Sara Khushbash	
Engineering Failure Analysis , Volume 147, Article Number 107149	
Impact Factor: 4.0 Quartile: 1 Citations: 10	
DOI: 10.1016/j.engfailanal.2023.107149	
Classification of progressive failure and mechanical behavior of dissimilar material hybrid joints at varying temperatures	2023
Raja Muhammad Awais Zain-ul-Abidin Sabih Ahmad Khan Haris Ali Khan Sara Khushbash	
Thin-Walled Structures , Volume 182, Part A, Article Number 110212	
Impact Factor: 5.881 Quartile: 1 Citations: 16	
DOI: https://doi.org/10.1016/j.tws.2022.110212	

Investigation of Temperature Assisted Corrosion Failure of an Aircraft Turbine Blade <i>SARA KHUSHBASH Asad hameed ASAD MUMTAZ BHATTI Haris Ali Khan Aamer Shahzad Farooq bin akram</i> <i>10th International Conference on Engineering Failure Analysis, res.country(88,)</i> Citations: N/A DOI: not given yet	2024
Computational analysis of low mass moment of inertia flying wing <i>Sara Khushbash Ali Taved Taimur Ali shams</i> <i>18th International Bhurban Conference on Applied Sciences and Technologies, IBCAST, res.country(282,)</i> Citations: N/A DOI: 10.1109/IBCAST51254.2021.9393181	2021
Evaluation of Aerodynamic and Stability Performance Parameters of High Wing Piston Engine Aircraft <i>Muhammad Ayaz Sara Khushbash Taimur Ali Shams Syed Irtiza Ali Shah</i> <i>16th International Bhurban Conference on Applied Sciences and Technology (IBCAST), res.country(177,)</i> Citations: N/A DOI: 10.1109/IBCAST.2019.8667193	2019