Sara Khushbash

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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

Conference Proceedings

Investigation of Temperature Assisted Corrosion Failure of an Aircraft Turbine Blade 2024

SARA KHUSHBASH Asad hameed ASAD MUMTAZ BHATTI Haris Ali Khan Aamer Shahzad Farooq bin akram

10th International Conference on Engineering Failure Analysis, res.country(88,)

Citations: N/A

DOI: not given yet

Computational analysis of low mass moment of inertia flying wing 2021

Sara Khushbash Ali Taved Taimur Ali shams

18th International Bhurban Conference on Applied Sciences and Technologies, IBCAST, res.country(282,)

Citations: N/A

DOI: 10.1109/IBCAST51254.2021.9393181

Evaluation of Aerodynamic and Stability Performance Parameters of High Wing Piston Engine Aircraft 2019

Muhammad Ayaz Sara Khushbash Taimur Ali Shams Syed Irtiza Ali Shah

16th International Bhurban Conference on Applied Sciences and Technology (IBCAST), res.country(177,)

Citations: N/A

DOI: 10.1109/IBCAST.2019.8667193