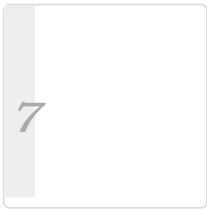


# M Farooq Bin Akram

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## About

Dr. M Farooq Bin Akram is working as Defence Faculty in the College of Aeronautical Engineering. Dr. M Farooq Bin Akram has a PhD in Aerospace Design. Dr. M Farooq Bin Akram has published 12 research articles & conference papers having a citation count of 165, carried out 0 projects and filed 0 intellectual property.

## Qualifications

<b>PhD in Aerospace Design</b> Georgia Institute of Technology , United States	2006 - 2011
<b>MS in Aerospace Design</b> Georgia Institute of Technology , United States	2006 - 2008
<b>MS in Aerospace Engineering</b> NUST, Islamabad , Pakistan	2004 - 2006

## Experience

<b>Defence Faculty</b> College of Aeronautical Engineering	2022- Present
<b>Defence Faculty</b> College of Aeronautical Engineering	2020 - 2022
<b>Head Aerospace Engg Dept</b> National University of Sciences and Technology , College of Aeronautical Engineering, Risalpur	2020 - 2020
<b>Associate Professor</b> National University of Sciences and Technology , College of Aeronautical Engineering, Risalpur	2011 - 2015

## Research Articles

<b>Development of a design space for dissimilar materials joining in aerospace applications</b> <i>Sabih Ahmad Khan Hamza Liaqat Farooq Bin Akram Haris Ali Khan</i> <i>Aeronautical Journal</i> , Pages 1-18 <b>Impact Factor:</b> 1.4   <b>Quartile:</b> 3   <b>Citations:</b> 5 <b>DOI:</b> 10.1017/aer.2023.109	2023
<b>Design optimization of bladeless ceiling fan using design of experiments</b> <i>Kashif Mehmood Dr Aamer Shahzad Dr Farooq bin Akram Dr Taimur Ali Shams Dr M Nafees Mumtaz Qadri Dr Jehanzeb Masud</i> <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , Volume 233, Article Number: 105313 <b>Impact Factor:</b> 4.437   <b>Quartile:</b> 1   <b>Citations:</b> 2 <b>DOI:</b> 10.1016/j.jweia.2023.105313	2023
<b>Design optimization of Double-Darrieus hybrid vertical axis wind turbine</b> <i>Muhammad Ahmad Aamer Shahzad M Farooq Bin Akram Fareed Ahmad Syed Irtiza Ali Shah</i> <i>Ocean Engineering</i> , Volume 254, Article Number 111171 <b>Impact Factor:</b> 3.795   <b>Quartile:</b> 1   <b>Citations:</b> 53 <b>DOI:</b> 10.1016/j.oceaneng.2022.111171	2022
<b>Determination of efficient configurations of vertical axis wind turbine using design of experiments</b> <i>Muhammad Ahmad Aamer Shahzad M Farooq Bin Akram Muhammad Nafees Mumtaz Qadri</i> <i>Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy</i> , Pages 1-24 <b>Impact Factor:</b> 1.882   <b>Quartile:</b> 3   <b>Citations:</b> 8 <b>DOI:</b> 10.1177/09576509221095347	2022

<b>Vertical take-off and landing hybrid unmanned aerial vehicles: An overview</b> <i>Muhammad Rehan M Farooq Bin Akram Aamer Shahzad Taimur Ali Shams Qasim Ali</i> <i>The Aeronautical Journal</i> , Pages 1-41 <b>Impact Factor:</b> 0.818   <b>Quartile:</b> 4   <b>Citations:</b> 20 <b>DOI:</b> <a href="https://doi.org/10.1017/aer.2022.29">https://doi.org/10.1017/aer.2022.29</a>	2022
<b>Development and characterization of a new riveting process for pre-drilled holes hard-to-access aircraft riveted joints</b> <i>Haris Ali Khan Nafey Zafar Asad Hameed M Farooq Bin Akram Kamran Asim Syed Saad Javaid Abdullah Khan</i> <i>The International Journal of Advanced Manufacturing Technology</i> , Pages 1-12 <b>Impact Factor:</b> 3.4   <b>Quartile:</b> 2   <b>Citations:</b> 8 <b>DOI:</b> 10.1007/s00170-022-09167-3	2022
<b>Failure analysis of a cracked cylinder block assembly of an aircraft brake system</b> <i>Asad Hameed Ali Nawaz Haris Ali Khan M Farooq Akram Zahid Mehmood</i> <i>Engineering Failure Analysis</i> , Volume 133, Article Number 105948 <b>Impact Factor:</b> 3.114   <b>Quartile:</b> 2   <b>Citations:</b> 6 <b>DOI:</b> <a href="https://doi.org/10.1016/j.engfailanal.2021.105948">https://doi.org/10.1016/j.engfailanal.2021.105948</a>	2022
<b>Numerical analysis of bladeless ceiling fan: An effective alternative to conventional ceiling fan</b> <i>Kashif Mehmood Aamer Shahzad Jehanzeb Masud M Farooq Bin Akram Muhammad Nafees Mumtaz Qadri Taimur Ali Shams</i> <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , Volume 221, Article Number 104905 <b>Impact Factor:</b> 4.8   <b>Quartile:</b> 1   <b>Citations:</b> 6 <b>DOI:</b> 10.1016/j.jweia.2022.104905	2022
<b>Design space optimisation of an unmanned aerial vehicle submerged inlet through the formulation of a data-fusion-based hybrid model</b> <i>M Farooq Bin Akram Haris Ali Khan Taimur Ali Shams Dimitri Mavris</i> <i>The Aeronautical Journal</i> , Volume 125 , Issue 1292 , Pages 1815-1832 <b>Impact Factor:</b> 0.818   <b>Quartile:</b> 4   <b>Citations:</b> 5 <b>DOI:</b> <a href="https://doi.org/10.1017/aer.2021.37">https://doi.org/10.1017/aer.2021.37</a>	2021
<b>Roll Bonding Processes: State-of-the-Art and Future Perspectives</b> <i>Haris Ali Khan Kamran Asim Farooq Bin Akram Asad Hameed Abdullah Khan Bilal Mansoor</i> <i>Metals</i> , Volume 11(9), 1344 <b>Impact Factor:</b> 2.351   <b>Quartile:</b> 2   <b>Citations:</b> 46 <b>DOI:</b> <a href="https://doi.org/10.3390/met11091344">https://doi.org/10.3390/met11091344</a>	2021
<b>Adjustment of Aerodynamic-Compensation Characteristics of a Pitot Tube by RearBody Shape Manipulation</b> <i>Farooq bin Akram Jehanzeb Masud</i> <i>Journal of Fluids Engineering</i> , Volume 132(3), Pages 034502 (6 pages) <b>Impact Factor:</b> 0.440   <b>Quartile:</b> 3   <b>Citations:</b> 6 <b>DOI:</b> <a href="https://doi.org/10.1115/1.4001156">https://doi.org/10.1115/1.4001156</a>	2010

## Conference Proceedings

<b>Investigation of Temperature Assisted Corrosion Failure of an Aircraft Turbine Blade</b> <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</i> , res.country(88,) <b>Citations:</b> N/A <b>DOI:</b> not given yet	2024
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