

# Shuaib Salamat

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## About

Dr. Shuaib Salamat is working as Defence Faculty in the College of Aeronautical Engineering. Dr. Shuaib Salamat has a PhD in Modeling and Simulation. Dr. Shuaib Salamat has published 9 research articles & conference papers having a citation count of 52, carried out 0 projects and filed 0 intellectual property.

## Qualifications

<b>PhD in Modeling and Simulation</b> Purdue University North Central , United States	2008 - 2011
<b>MS in Modeling and Simulation</b> Purdue University North Central , United States	2006 - 2008
<b>BE in Aerospace</b> NUST, Islamabad , Pakistan	1995 - 1998

## Experience

<b>Defence Faculty</b> College of Aeronautical Engineering	2023- Present
<b>Defence Faculty</b> College of Aeronautical Engineering	2022 - 2023
<b>Adjunct Faculty</b> College of Aeronautical Engineering	2018 - 2018
<b>Adjunct Faculty</b> College of Aeronautical Engineering	2017 - 2018
<b>Defence Faculty</b> College of Aeronautical Engineering	2017 - 2017
<b>Defence Faculty</b> College of Aeronautical Engineering	2011 - 2017

- Effect of geometric variations on the wing rock of blended wing–body aircraft** 2025  
*Waseeq Siddiqui Adnan Maqsood Shuaib Salamat Hongyi Xu Dan Xie*  
*International Journal of Non-Linear Mechanics*, Volume:168, Article Number: 104934, Pages:14  
**Impact Factor:** 2.8 | **Quartile:** 2  
**DOI:** <https://doi.org/10.1016/j.ijnonlinmec.2024.104934>
- Fluid-structure interaction for aerodynamic performance evaluation of flapping wing with passive pitching motion** 2024  
*Syed Baleegh Hussain Aamer Shahzad Muhammad Nafees Mumtaz Qadri Taimur Ali Shams Imran Shah Shuaib Salamat*  
*Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science*, Pages 1-14  
**Impact Factor:** 2.0 | **Quartile:** 3 | **Citations:** 1  
**DOI:** 10.1177/09544062231225024
- Investigation of the mechanical behavior of FDM processed CFRP/Al hybrid joint at elevated temperatures** 2023  
*Sabih Ahmad Khan Haris Ali Khan Abdullah Khan Shuaib Salamat Syed Saad Javaid Raja Muhammad Awais*  
*Thin-Walled Structures* , Volume 192, Article Number 111135  
**Impact Factor:** 6.4 | **Quartile:** 1 | **Citations:** 16  
**DOI:** <https://doi.org/10.1016/j.tws.2023.111135>
- Control of acoustic scattering of trailing edge flow by distributed compliance** 2023  
*Muhammad Irsalan Arif Muhammad Rehan Naseer Randolph C. K. Leung Shuaib Salamat*  
*Physics of Fluids* , Volume:35, Issue:10, Article Number: 106115  
**Impact Factor:** 4.6 | **Quartile:** 1 | **Citations:** 4  
**DOI:** 10.1063/5.0165765
- Flow physics of annular and semi-annular fanjet and integration scheme with aircraft wing** 2023  
*Kashif Mehmood Aamer Shahzad Muhammad Nafees Mumtaz Qadri Shuaib Salamat Taimur Ali Shams Jehanzeb Masud*  
*Physics of Fluids* , Volume 35, Issue 9, Article Number 097101  
**Impact Factor:** 4.6 | **Quartile:** 1 | **Citations:** 1  
**DOI:** <https://doi.org/10.1063/5.0165058>
- Systematic investigation of power enhancement of Vertical Axis Wind Turbines using bio-inspired leading edge tubercles** 2023  
*Syed Saddam ul Hassan M Tariq Javaid Umar Rauf Sheharyar Nasir Aamer Shahzad Shuaib Salamat*  
*Energy* , Volume 270, Article Number 126978  
**Impact Factor:** 8.857 | **Quartile:** 1 | **Citations:** 22  
**DOI:** <https://doi.org/10.1016/j.energy.2023.126978>
- Prediction of wing rock in fixed wing micro aerial vehicles** 2023  
*Waseeq Siddiqui Aamir Sultan Adnan Maqsood Shuaib Salamat Hongyi Xu Dan Xie*  
*Meccanica* , Volume 58, Pages 739-754  
**Impact Factor:** 2.7 | **Quartile:** 2 | **Citations:** 2  
**DOI:** <https://doi.org/10.1007/s11012-023-01649-2>
- Computational Aerodynamics Study of Competing Conceptual Designs for Advanced Tactical Fighter Aircraft** 2021  
*Adnan Maqsood Rizwan Riaz Shuaib Salamat Waseeq Siddiqui Hassan Naseer Syed Mohsin Zahid*  
*Journal of Aerospace Technology and Management*, Volume 13, Article Number e2221  
**Impact Factor:** 0  
**DOI:** <https://doi.org/10.1590/jatm.v13.1214>
- Comparative flow field analysis of Boundary Layer Diverter Intake and Diverterless Supersonic Intake Configuration** 2018  
*Muhammad Irsalan Arif Shuaib Salamat Mudassir Ahmed Faiz Qureshi Syed Irteza Ali Shah*  
*Journal of Applied Fluid Mechanics*, Volume 11, Issue 4, Pages 1125-1131  
**Impact Factor:** 0.914 | **Quartile:** 4 | **Citations:** 6  
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