

# Zahid Mehmood

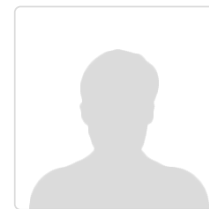
Defence Faculty

College of Aeronautical Engineering

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## About

Dr. Zahid Mehmood is working as Defence Faculty in the College of Aeronautical Engineering. Dr. Zahid Mehmood has a PhD in Mechanical Engineering. Dr. Zahid Mehmood has published 4 research articles & conference papers having a citation count of 108, carried out 0 projects and filed 0 intellectual property.

## Qualifications

<b>PhD in Mechanical Engineering</b> Air University , Pakistan	2014 - 2019
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## Experience

<b>Defence Faculty</b> College of Aeronautical Engineering	2021- Present
<b>Defence Faculty</b> College of Aeronautical Engineering	2018 - 2018
<b>39 Years</b> NUST ,	2018 - 2020

## Professional Memberships

PEC

## Research Articles

<b>Failure analysis of a broken support strut of an aircraft landing gear</b> <i>Zahid Mehmood Zahid Mehmood Asad Hameed Taimur Ali Shams Ossama Zubair Ali Javed</i> <i>Engineering Failure Analysis</i> , Volume 117, Article Number 104847 <b>Impact Factor:</b> 3.114   <b>Quartile:</b> 3   <b>Citations:</b> 21 <b>DOI:</b> <a href="https://doi.org/10.1016/j.engfailanal.2020.104847">https://doi.org/10.1016/j.engfailanal.2020.104847</a>	2020
<b>Material selection for optimum design of MEMS pressure sensors</b> <i>Zahid Mehmood Ibraheem Haneef Florin Udrea</i> <i>Microsystem Technologies</i> , Volume 26, Pages 2751–2766 <b>Impact Factor:</b> 2.276   <b>Quartile:</b> 3   <b>Citations:</b> 37 <b>DOI:</b> <a href="https://doi.org/10.1007/s00542-019-04601-1">https://doi.org/10.1007/s00542-019-04601-1</a>	2020
<b>Analysis of premature failure of aircraft hydraulic pipes</b> <i>Zahid Mehmood Asad Hameed Ali Javed</i> <i>Engineering Failure Analysis</i> , Volume 109, Article Number 104356 <b>Impact Factor:</b> 3.114   <b>Quartile:</b> 3   <b>Citations:</b> 37 <b>DOI:</b> <a href="https://doi.org/10.1016/j.engfailanal.2019.104356">https://doi.org/10.1016/j.engfailanal.2019.104356</a>	2020
<b>Sensitivity enhancement of silicon-on-insulator CMOS MEMS thermal hot-film flow sensors by minimizing membrane conductive heat losses</b> <i>Zahid Mehmood Ibraheem Haneef Syed Zeeshan Ali Florin Udrea</i> <i>Sensors</i> , Volume 19(8), Article Number 1860 <b>Impact Factor:</b> 3.275   <b>Quartile:</b> 1   <b>Citations:</b> 13 <b>DOI:</b> <a href="https://doi.org/10.3390/s19081860">https://doi.org/10.3390/s19081860</a>	2019