

# Aamir Mubashar

Professor

School of Mechanical & Manufacturing Engineering

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## About

Dr. Aamir Mubashar is working as Professor in the School of Mechanical & Manufacturing Engineering. Dr. Aamir Mubashar has a PhD in Computational Solid Mechanics. Dr. Aamir Mubashar has published 53 research articles & conference papers having a citation count of 595, carried out 2 projects and filed 1 intellectual property.

## Qualifications

<b>PhD in Computational Solid Mechanics</b> Loughborough University , United Kingdom	2006 - 2010
<b>MS in Manufacturing Technology</b> University of Manchester , United Kingdom	2005 - 2006
<b>B.Sc (Hon) in Mechanical Engineering</b> UET Taxila , Pakistan	1994 - 1999

## Experience

<b>Professor</b> School of Mechanical & Manufacturing Engineering	2020- Present
<b>Professor</b> School of Mechanical & Manufacturing Engineering	2020 - 2020
<b>Associate Professor</b> School of Mechanical & Manufacturing Engineering	2017 - 2020
<b>Assistant Professor</b> School of Mechanical & Manufacturing Engineering	2014 - 2017
<b>General Manager Technical</b> NESCOM , H-11/4	2011 - 2013
<b>Manager Technical</b> NESCOM , H-11/4	2005 - 2011
<b>Assistant Manager Technical</b> NESCOM , H-11/4	1999 - 2004

## Awards

<b>Best Teacher Award SMME</b> SMME best teacher of the year award	2016
<b>Young Researcher Award</b> 3rd International Conference on Advanced Computational Engineering and Experimenting, ACE-X 2009, Rome, Italy. Winner of Young Researcher Award	2009
<b>Software Competition</b> 4th All Pakistan Software Competition - Foundation for Applied Science and Technology (FAST). Lahore, Pakistan, 1998. 2nd Prize Winner	1998

## Professional Memberships

<b>PEC</b>	Since 2014
<b>IMECHE UK</b>	Since 2016

Research Projects

National Projects

Investigation of Energy harvesting EEL of power generation	2016
Funding Agency: HEC	
Amount: PKR 500,000.00	
Status: Completed	
Design and Development of Multilayered Armour Protection System	2019
Funding Agency: HEC	
Amount: PKR 13,980,000.00	
Status: Completed	

International Projects

Research Articles

Investigation of Compression, Impact and Post-impact Behavior of Carbon/Flax Bio-hybrid Laminates: Effects of Stacking Sequence and Fiber Hybridization	2025
Manzar Masud Aamir Mubashar Emad Ud Din Zaib Ali Dr. Adnan Tariq	
Fibers and Polymers , Volume: 26, Pages:4115-4132	
Impact Factor: 2.3   Quartile: 2	
DOI: <a href="https://doi.org/10.1007/s12221-025-01072-2">https://doi.org/10.1007/s12221-025-01072-2</a>	
Additively manufactured hybrid auxetic structures for enhanced low frequency acoustic performance through experiments and modelling	2025
Ali Bin Naveed Aamir Mubashar Muhammad Khizer Ali Khan Adnan Munir Kamran A. Khan	
Scientific Reports , Volume:15, Issue:1, Article number: 23460	
Impact Factor: 3.900   Quartile: 1	
DOI: <a href="https://doi.org/10.1038/s41598-025-06970-2">10.1038/s41598-025-06970-2</a>	
Experimental Study on Multi-Cell Counting Using an Inertial Microfluidic Device	2025
Muhammad Zulfiqar Muhammad danish Manshad Emad Ud Din Aamir Mubashar Zaib Ali Muhammad Irfan Sibghat Ullah Jingmin Li	
Applied Sciences , Volume 15(10), Article Number 5701	
Impact Factor: 2.500   Quartile: 1	
DOI: <a href="https://doi.org/10.3390/app15105701">https://doi.org/10.3390/app15105701</a>	
Optimizing bio-hybrid composites for impact resistance using machine learning	2025
Aamir Mubashar Salman Sagheer Warsi Saqib Anwar Volkan Esat Manzar Masud	
Journal of the Brazilian Society of Mechanical Sciences and Engineering, Volume 47, Article Number 217	
Impact Factor: 1.800   Quartile: 3	
DOI: <a href="https://doi.org/10.1007/s40430-025-05524-x">https://doi.org/10.1007/s40430-025-05524-x</a>	
Effect of process parameters and material composition of Al2O3-HAP composite using powder metallurgy	2025
Muhammad Tayyab Bhutta Sadaqat Ali Malik Adeel Umer Aamir Mubashar Emad Ud Din Adnan Munir Abdul Basit	
Results in Materials , Volume:25, Article Number 100669	
Impact Factor: N/A	
DOI: <a href="https://doi.org/10.1016/j.rinma.2025.100669">https://doi.org/10.1016/j.rinma.2025.100669</a>	
Material characterization of Ti6Al4V alloy additively manufactured using selective laser melting technique	2024
Syed Waqas Ali Shah Sadaqat Ali Himayat Ullah Muhammad Saad Aamir Mubashar Emad ud Din	
Journal of Materials Research and Technology, Volume 33, Pages 1756-1763	
Impact Factor: 6.200   Quartile: 1   Citations: 6	
DOI: <a href="https://doi.org/10.1016/j.jmrt.2024.09.164">https://doi.org/10.1016/j.jmrt.2024.09.164</a>	
Fe-Ni binder modified NbC cermets: A cost-effective solution with superior mechanical properties	2024
Abdul Basit Furqan Anwar Sadaqat Ali Malik Adeel Umer Tauheed Shahbaz Emad ud Din Aamir Mubashar	
Ceramics International , Volume: 50, Issue: 22, Part C, Pages: 47768-47779	
Impact Factor: 5.100   Quartile: 1   Citations: 1	
DOI: <a href="https://doi.org/10.1016/j.ceramint.2024.09.121">https://doi.org/10.1016/j.ceramint.2024.09.121</a>	
Effect of cork powder concentration and service temperature on strength characteristics and failure modes of tubular adhesively bonded joints	2024

**Impact Factor:** 5.3 | **Quartile:** 1 | **Citations:** 2  
**DOI:** 10.1016/j.tafmec.2024.104377

**Role of stacking sequence, metal sheets, and nano particle on strength and toughness of FMLs** 2024

Syed Hameed Hussain Aqeel Ahsan Khurram Adnan Munir Muhammad Salman Khan Aamir Mubashar  
Journal of Reinforced Plastics and Composites, Pages 1-11

**Impact Factor:** 3.100 | **Quartile:** 2  
**DOI:** <https://doi.org/10.1177/07316844241250182>

**Numerical analysis of stress & strain and thickness variation in single point incremental forming of tailor welded steel blanks** 2024

Usman Attique Shahid Ikramullah Butt Aamir Mubashar Liaqat Ali Ghulam Hussain  
International Journal of Advanced Manufacturing Technology, Volume 132, Issue 3-4, Pages 791-1807

**Impact Factor:** 2.900 | **Quartile:** 2 | **Citations:** 3  
**DOI:** [doi.org/10.1007/s00170-024-13422-0](https://doi.org/10.1007/s00170-024-13422-0)

**Effect of hybridization on the mechanical performance and cost efficiency of carbon/flax bio-hybrid composites** 2024

Manzar Masud Aamir Mubashar  
Polymer Composites, Pages: 19

**Impact Factor:** 5.2 | **Quartile:** 1 | **Citations:** 12  
**DOI:** 10.1002/pc.28437

**Effect of Fibre Hybridization and Stacking Sequence on the Low Velocity Impact Response of Flax/Basalt/Aluminum Composite-Metal Joints** 2024

Muhammad Umar Bin Ashraf Aamir Mubashar Manzar Masud Hassan Ejaz Syed Hameed Hussain Muhammad Subhan Dilawar  
Composite Structures, Volume 331, Article Number 117925

**Impact Factor:** 6.3 | **Quartile:** 1 | **Citations:** 16  
**DOI:** 10.1016/j.compstruct.2024.117925

**The mechanical behavior of modified epoxy adhesive using GNPs, MWCNTs, and RGO nanomaterials** 2023

Hassan Ejaz Aamir Mubashar Ahsan Tanveer Emad Ud Din Zaib Ali Nabeel Arif  
Journal of Adhesion Science and Technology, Pages 1-21

**Impact Factor:** 2.3 | **Quartile:** 3 | **Citations:** 6  
**DOI:** [doi.org/10.1080/01694243.2023.2268230](https://doi.org/10.1080/01694243.2023.2268230)

**Structural optimization of orthopedic hip implant using parametric and non-parametric optimization techniques** 2023

Muhammad Abdullah Aamir Mubashar Emad Uddin  
Biomedical Physics and Engineering Express, Volume 9, Issue 5, Article Number 055026

**Impact Factor:** 1.300 | **Quartile:** 3 | **Citations:** 5  
**DOI:** 10.1088/2057-1976/aced0d

**An experimental and simulation study of RGO effects on mechanical behaviour of structural adhesive and lap shear joints strength** 2023

Hassan Ejaz Aamir Mubashar Emad Ud Din Zaib Ali Nabeel Arif Saad Waqar  
International Journal of Adhesion and Adhesives, Volume 126, Article Number 103480

**Impact Factor:** 3.4 | **Quartile:** 2 | **Citations:** 9  
**DOI:** <https://doi.org/10.1016/j.ijadhadh.2023.103480>

**Effect of cork powder concentration and service temperature on strength characteristics and failure modes of adhesively bonded lap joints** 2023

Hassan Ejaz Yousaira Muqbool Zar Afshan Aamir Mubashar  
Theoretical and Applied Fracture Mechanics, Volume 126, Article Number 103955

**Impact Factor:** 4.374 | **Quartile:** 1 | **Citations:** 4  
**DOI:** [doi.org/10.1016/j.tafmec.2023.103955](https://doi.org/10.1016/j.tafmec.2023.103955)

**Impact of solid and hollow bluff bodies on the performance and dynamics of flag-based energy harvester** 2023

Usman Latif M Yamin Younis Emad Uddin Zaib Ali Aamir Mubashar A. Abdelkefi  
Sustainable Energy Technologies and Assessments, Volume 55, Article Number 102882

**Impact Factor:** 7.632 | **Quartile:** 2 | **Citations:** 11  
**DOI:** <https://doi.org/10.1016/j.seta.2022.102882>

- Experimental investigation of effect of welding parameters on surface roughness, micro-hardness and tensile strength of AISI 316L stainless steel welded joints using 308L filler material by TIG welding** 2022  
*Khubaib Zafar Ghumman Sadaqat Ali Emad Ud Din Aamir Mubashar Niaz Bahadur Khan Syed Waqar Ahmed*  
*Journal of Materials Research and Technology*, Volume 21, Pages 220-236  
**Impact Factor:** 6.267 | **Quartile:** 1 | **Citations:** 35  
**DOI:** <https://doi.org/10.1016/j.jmrt.2022.09.016>
- Effect of Temperature and Al<sub>2</sub>O<sub>3</sub> NanoFiller on the Stress Field of CFRP/Al Adhesively Bonded Single-Lap Joints** 2022  
*Muhammad Hassan Aamir Mubashar Manzar Masud Amad Zafar Muhammad Umair Ali You Seung Rim*  
*Coatings*, Volume 12(12), Article Number 1865  
**Impact Factor:** 3.236 | **Quartile:** 2 | **Citations:** 3  
**DOI:** <https://doi.org/10.3390/coatings12121865>
- A comparative study of GNP and MWCNT additives on dispersion behavior and strength characteristics of the adhesively bonded joints** 2022  
*Hassan Ejaz Aamir Mubashar Emad Ud Din Zaib Ali*  
*Journal of Dispersion Science and Technology*, Pages 1-12  
**Impact Factor:** 2.057 | **Quartile:** 4 | **Citations:** 4  
**DOI:** [doi.org/10.1080/01932691.2022.2143369](https://doi.org/10.1080/01932691.2022.2143369)
- Effect of functionalised and non-functionalised GNPs addition on strength properties of high viscous epoxy adhesive and lap shear joints** 2022  
*Hassan Ejaz Aamir Mubashar Emad Ud Din Zaib Ali Nabeel Arif*  
*Polymer Testing*, Volume 113, Article Number 107680  
**Impact Factor:** 4.931 | **Quartile:** 1 | **Citations:** 32  
**DOI:** <https://doi.org/10.1016/j.polymertesting.2022.107680>
- Influence of MWCNTs on strength properties of high viscous epoxy adhesive and fracture behavior of adhesively bonded joints** 2022  
*Hassan Ejaz Aamir Mubashar Emad Ud Din Zaib Ali Nabeel Arif*  
*Theoretical and Applied Fracture Mechanics*, Volume 120, Article Number 103412  
**Impact Factor:** 4.017 | **Quartile:** 1 | **Citations:** 21  
**DOI:** <https://doi.org/10.1016/j.tafmec.2022.103412>
- Investigating relative density effects on quasi-static response of high-density Rigid Polyurethane Foam (RPUF)** 2022  
*Naveed Iqbal Aamir Mubashar Sohail Ahmed Nabeel Arif Emad Uddin*  
*Materials Today Communications*, Volume 31, Article Number 103320  
**Impact Factor:** 3.662 | **Quartile:** 3 | **Citations:** 14  
**DOI:** <https://doi.org/10.1016/j.mtcomm.2022.103320>
- Prediction of the Ultimate Strength of Notched and Unnotched IM7/977-3 Laminated Composites Using a Micromechanics Approach** 2021  
*Moosa S. M. Al Kharusi Muhammad Umair Ali Aamir Mubashar Manzar Masud Shaik Javeed Hussain Adnan Tariq Gulfam Ul Rehman Mahmood Hassan Akhtar Shama Javeed*  
*Polymers*, Volume 13(20), Article Number 3491  
**Impact Factor:** 4.329 | **Quartile:** 1 | **Citations:** 7  
**DOI:** [10.3390/polym13203491](https://doi.org/10.3390/polym13203491)
- An Investigation of the Experimental and Numerical Ballistic Response of 12.7mm AP tracer Projectile Against Al<sub>2</sub>O<sub>3</sub>/Al 5083-H116 Bi-layer Armour** 2021  
*Haseeb Ahmed Aamir Mubashar Emad Uddin Syed Waheed Ul Haq*  
*International Journal of Multiphysics*, Volume 15(2), Pages 119-138  
**Impact Factor:** N/A | **Citations:** 6  
**DOI:** [10.21152/1750-9548.15.2.119](https://doi.org/10.21152/1750-9548.15.2.119)
- Numerical investigation of hydrodynamic and hydro-acoustic performance of underwater propeller operating in off-design flow conditions** 2020  
*Muhammad Rehan Naseer Emad Uddin Aamir Mubashar Muhammad Sajid Zaib Ali Khalid Akhtar*  
*Journal of Marine Engineering and Technology*, Pages 1-10  
**Impact Factor:** 3.192 | **Quartile:** 1 | **Citations:** 4  
**DOI:** <https://doi.org/10.1080/20464177.2020.1865250>

<p><b>Experimental investigation of impact of long rod eroding projectiles against rolled homogeneous armour</b></p> <p><i>Sana Zaki Emad Uddin Aamir Mubashar</i>  <i>Proceedings of The Institution of Mechanical Engineers Part L-Journal of Materials-Design and Applications</i>, Volume 234, Issue 10, Pages 1335-1342</p> <p><b>Impact Factor:</b> 2.311   <b>Quartile:</b> 2   <b>Citations:</b> 4  <b>DOI:</b> <a href="https://doi.org/10.1177/1464420720940766">https://doi.org/10.1177/1464420720940766</a></p>	2020
<p><b>Design and verification of enhanced CFRTPCs fabrication technique using fused deposition modeling</b></p> <p><i>Shahid Ikramullah Butt Ali Bin Naveed Aamir Mubashir Fausz Naeem Chaudhry Najam ul Qadir Zhang Faping</i>  <i>Journal of Thermoplastic Composite Materials</i>, Pages 1-23</p> <p><b>Impact Factor:</b> 3.330   <b>Quartile:</b> 2   <b>Citations:</b> 6  <b>DOI:</b> 10.1177/0892705720941918</p>	2020
<p><b>Numerical investigation of surface acoustic wave (SAW) interacting with a droplet for point-of-care devices</b></p> <p><i>Imran Shah Emad Uddin Aamir Mubashar Muhammad Sajid Muhammad Yamin Younis Hudair Samad Kyung Hyun Choi</i>  <i>International Journal of Acoustics and Vibrations</i>, Volume: 24, Issue: 4, Pages 632-637</p> <p><b>Impact Factor:</b> 0.729   <b>Quartile:</b> 4   <b>Citations:</b> 4  <b>DOI:</b> DOI: 10.20855/ijav.2019.24.41312</p>	2019
<p><b>Effect of carbon fibre on reinforcement of thermoplastics using FDM and RSM</b></p> <p><i>Shahid Ikramullah Butt Fausz Naeem Chaudhry Aamir Mubashar Syed Hussain Imran Zhang Faping Ali Bin Naveed</i>  <i>Journal of Thermoplastic Composite Materials</i>, Pages 1–23</p> <p><b>Impact Factor:</b> 1.529   <b>Quartile:</b> 3   <b>Citations:</b> 46  <b>DOI:</b> 10.1177/0892705719886891</p>	2019
<p><b>Multi-objective optimization for sustainable turning Ti6Al4V alloy using grey relational analysis (GRA) based on analytic hierarchy process (AHP)</b></p> <p><i>Muhammad Younas Syed Husain Imran Jaffery Mushtaq Khan Muhammad Ali Khan Riaz Ahmad Aamir Mubashar Liaqat Ali</i>  <i>International Journal of Advanced Manufacturing Technology</i>, Volume 105, Issue 1-4, Pages 1175-1188</p> <p><b>Impact Factor:</b> 2.633   <b>Quartile:</b> 2   <b>Citations:</b> 84  <b>DOI:</b> <a href="https://doi.org/10.1007/s00170-019-04299-5">https://doi.org/10.1007/s00170-019-04299-5</a></p>	2019
<p><b>Ballistic response of 12.7 mm armour piercing projectile against perforated armour developed from structural steel</b></p> <p><i>Emad Uddin Saqib Anwar Syed Waheed Ul Haq Nabeel Arif MAK Chowdhury Aamir Mubashar</i>  <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , Volume 233, Issue 10, Pages 1993-2005</p> <p><b>Impact Factor:</b> 2.014   <b>Quartile:</b> 3   <b>Citations:</b> 13  <b>DOI:</b> 10.1177/1464420718808317</p>	2019
<p><b>Computational Modeling of the Balloon Expandable Stent Deployment in Coronary Artery Using Finite Element Method?</b></p> <p><i>Muhammad Umer Murtaza Najabat Ali Aamir Mubashar Mariam Mir</i>  <i>Research Reports in Clinical Cardiology</i>, Volume 2019:10 Pages 43—56, Published 6 September 2019</p> <p><b>Impact Factor:</b> -  <b>DOI:</b> 10.2147/RRCC</p>	2019
<p><b>Numerical and experimental investigation of Johnson?Cook material models for aluminum (Al 6061-T6) alloy using orthogonal machining approach</b></p> <p><i>Sohail Akram Liaqat Ali Syed Hussain Imran Jaffery Mushtaq Khan Muhammad Fahad Aamir Mubashar</i>  <i>Advances in Mechanical Engineering</i> , Volume 10(9), Pages 1–14</p> <p><b>Impact Factor:</b> 1.024   <b>Quartile:</b> 4   <b>Citations:</b> 115  <b>DOI:</b> 10.1177/1687814018797794</p>	2018
<p><b>Topology optimisation of adhesive joints using non-parametric methods</b></p> <p><i>H. Ejaz A. Mubashar I. A. Ashcroft Mushtaq Khan Emad Uddin</i>  <i>International Journal Of Adhesion And Adhesives</i>, NULL</p> <p><b>Impact Factor:</b> 2.501   <b>Quartile:</b> 2   <b>Citations:</b> 30  <b>DOI:</b> <a href="https://doi.org/10.1016/j.ijadhadh.2017.11.003">https://doi.org/10.1016/j.ijadhadh.2017.11.003</a></p>	2018
<p><b>An experimental and numerical investigation of the ballistic response of multi-level armour against armour piercing projectiles</b></p> <p><i>M. Wasif Ali Emad Uddin Aamir Mubashar Syed Waheed ul Haq M. Khan</i>  <i>International Journal of Impact Engineering</i>, NULL</p> <p><b>Impact Factor:</b> 3.344   <b>Quartile:</b> 1   <b>Citations:</b> 25</p>	2017

DOI: 10.1016/j.jimpeng.2017.04.028

Comparison of cohesive zone elements and smoothed particle hydrodynamics for failure prediction of single lap adhesive joints2017

Aamir Mubashar I. A. Ashcroft

Journal of Adhesion , Volume 93, Issue 6, Pages 444-460

Impact Factor: 1.936 | Quartile: 2 | Citations: 24

DOI: DOI:10.1080/00218464.2015.1081819

A numerical study of the effect of ply-layup on the strength and stiffness of a composite T-joint under three point bending2017

Ammar Azam Aamir Mubashar Ian Anthony Ashcroft Emad Uddin Syed Husain Imran Jaffery

Journal of Adhesion Science and Technology, NULL

Impact Factor: 1.039 | Quartile: 3 | Citations: 6

DOI: 10.1080/01694243.2017.1278818

Analysis of weld characteristics of micro-plasma arc welding and tungsten inert gas welding of thin stainless steel (304L) sheet2016

Syed Husain Imran Jaffery Sadaf Batool Mushtaq Khan Ashfaq Khan Aamir Mubashar Liaqat Ali Nawar Khan Muhammad Nabeel Anwar

Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, Volume 230, Issue 6, Pages, 1005-1017

Impact Factor: 1.625 | Quartile: 3 | Citations: 27

DOI: 10.1177/1464420715592438

Use of wear map approach in optimization of drilling parameters for petroleum exploration2015

Syed Husain Imran Jaffery Shahid Sadiq Mushtaq Khan Liaqat Ali Muhammad Nabeel Anwar Aamir Mubashar

International Journal of Mechanical and Production Engineering, Volume 3, Issue 6, Pages 63-65

Impact Factor: 0

DOI: 00-00

Effect of Cu addition on microstructure and transformation temperatures of Ti25Ni25Pd25 high temperature shape memory alloys2015

Saifur Rehman Mushtaq Khan Liaqat Ali Syed Husain Imran Jaffery Aamir Mubashar

International Journal of Mechanical and Production Engineering, Volume 3, Issue 6, Pages 96-100

Impact Factor: -

DOI: -

Improvement in the Mechanical Properties of High Temperature Shape Memory Alloy (Ti50Ni25Pd25) by Copper Addition2015

Saif-ur-Rehman Mushtaq Khan A. Nusair Khan Syed Husain Imran Jaffery Liaqat Ali Aamir Mubashar

Advances in Materials Science and Engineering , Volume 2015, Article ID 434923, 7 pages

Impact Factor: 1.01 | Quartile: 3

DOI: -

A Numerical Investigation of Effects of Cutting Velocity and Feed Rate on Residual Stresses in Aluminum Alloy Al-60612015

Sohail Akram Syed Husain Imran Jaffery Mushtaq Khan Aamir Mubashar Liaqat Ali

International Journal of Materials, Mechanics and Manufacturing, Volume 3, No. 1, Pages 26-30

Impact Factor: -

DOI: DOI:10.7763/IJMMM.2015.V3.160

Conference Proceedings

Prediction of Low Velocity Impact Performance of Carbon/Flax Bio-Hybrid Composites Using Experimental and Neural Network Approaches2024

Manzar Masud Aamir Mubashar

2024 21st International Bhurban Conference on Applied Sciences and Technology (IBCAST), res.country(177,)

Citations: N/A

DOI: 10.1109/IBCAST61650.2024.10877201

Tree-Based Machine Learning Approach for Predicting the Impact Behavior of Carbon/Flax Bio-Hybrid Fiber-Reinforced Polymer Composite Laminates2024

Manzar Masud Aamir Mubashar Shahid Iqbal Hassan Ejaz Saad Abdul Raheem

International Conference on Advances in Mechanical Engineering - 2024 , res.country(177,)

Citations: N/A

DOI: https://doi.org/10.3390/engproc2024075023

Investigating Stacking Configuration and Fiber Hybridization Effects on Low-Velocity Impact Behavior in Twill Woven Carbon/Flax Composites

Manzar Masud Aamir Mubashar

2nd International Conference on Modern Technologies in Mechanical & Materials Engineering (MTME-2024), res.country(177,)

Citations: N/A

DOI: doi.org/10.1051/mateconf/202439801009

2024

Effect of GNP and MWCNT Addition on Lap Shear Strength of Adhesively Bonded Joints

Hassan Ejaz Aamir Mubashar Muhammad A. M. Saad Waqar

2022 19th International Bhurban Conference on Applied Sciences and Technology, IBCAST 2022 res.country(177,)

Citations: N/A

DOI: 10.1109/IBCAST54850.2022.9990107

2022

Metal erosion due to particles at high velocity and temperature

Bushra Zaheer Emad Uddin Aamir Mubashar Zaib Ali Nabeel Arif Bushra Zaheer Emad Uddin Aamir Mubashar Zaib Ali Nabeel Arif

6th International Conference of Fluid Flow, Heat and Mass Transfer (FFHMT'19) , res.country(38,)

Citations: N/A

DOI: 10.11159/ffhmt19.104

2019

Turbulent Cold Flow Analysis of Spark Ignition Engine

Emad Ud Din Muhammad Farooq Samiur Rehman Shah Aamir Mubashar

3rd Thermal and Fluids Engineering Conference (TFEC), res.country(233,)

Citations: N/A

DOI: 10.1615/TFEC2018.cmd.022778

2018

A Numerical Investigation of High Speed Projectile Impact on Ceramic Plates

Haseeb Ahmed Aamir Mubashar Emad Uddin Syed Waheed-ul-Haq Haseeb Ahmed Aamir Mubashar Emad Uddin Syed Waheed-ul-Haq

15th International Bhurban Conference Applied Sciences and Technology (IBCAST), res.country(177,)

Citations: N/A

DOI: 10.1109/IBCAST.2018.8312220

2018

Design and development of low-speed water tunnel

Mujahid Saeed Dr. Emad Uddin Dr. Aamir Mubashar Salim Uddin Zahir Ali Abbas Zaidi

15th International Bhurban Conference Applied Sciences and Technology (IBCAST), res.country(177,)

Citations: N/A

DOI: 10.1109/IBCAST.2018.8312288

2018

Investigation of the flow around uncambered airfoils at 1000 Reynolds number using computational fluid dynamics for micro air vehicles

Dr. Emad Uddin Muhammad Adil Naseem Dr. Muhammad Saif Ullah Khalid Dr. Aamir Mubashar Dr. Sami-ur-Rahman Shah

2017 World Congress on Advances in Structural Engineering and Mechanics (ASEM17), Seoul, South Korea. 2017, res.country(121,)

Citations: N/A

DOI: https://www.researchgate.net/publication/321300829\_Investigation\_of\_the\_flow\_around\_uncambered\_airfoils\_at\_1000\_Reynolds\_number\_using\_computational\_fluid\_dynamics\_for\_micro\_air\_vehicles

2017

Experimental and numerical investigation of the energy harvesting flexible flag in the wake of a bluff body

Chaudary Abdullah Emad Uddin Aamir Mubashar Muhammad Sajid Samiur Rehman Shah M. Yamin Younis

2017 World Congress on Advances in Structural Engineering and Mechanics (ASEM17), Seoul, South Korea, res.country(121,)

Citations: 10

DOI: 10.12989/was.2018.26.5.279

2017

Intellectual Property

Copyrights

Patents

Industrial Designs

Suture free Strip bond patch for suture-less wound closure

Status: Granted Filed

2019

Trademarks