

Muhammad Usman Abdullah

Lecturer

School of Mechanical & Manufacturing Engineering

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About

Dr. Muhammad Usman Abdullah is working as Lecturer in the School of Mechanical & Manufacturing Engineering. Dr. Muhammad Usman Abdullah has a PhD in Mechanics Fatigue Modelling. Dr. Muhammad Usman Abdullah has published 4 research articles & conference papers having a citation count of 22, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Mechanics Fatigue Modelling Bournemouth University , United Kingdom	2017 - 2022
MSc in Mechanical Engineering NUST, Islamabad , Pakistan	2014 - 2016
BSc in Mechanical UET Taxila , Pakistan	2008 - 2012

Experience

Lecturer School of Mechanical & Manufacturing Engineering	2022- Present
Lecturer School of Mechanical & Manufacturing Engineering	2017 - 2017
Lecturer School of Mechanical & Manufacturing Engineering	2017 - 2017
Lab Engineer School of Mechanical & Manufacturing Engineering	2016 - 2016
Lecturer School of Mechanical & Manufacturing Engineering	2016 - 2016
Lab Engineer School of Mechanical & Manufacturing Engineering	2012 - 2016
Lecturer National University of Sciences and Technology (NUST) , NUST, Islamabad	2016 - 2017
Lab Engineer National University of Sciences and Technology (NUST) , NUST, H-12 Islamabad	2012 - 2016

Research Articles

Experimental Investigation of Engine Valve Train Friction Considering Effects of Operating Conditions and WPC Surface Treatment

2023

Muhammad Usman Bhutta Muhammad Huzaifa Najeeb Muhammad Usman Abdullah Sami Ur Rahman Shah Muhammad Khurram Riaz Ahmed Mufti Kiyotaka Ogawa Jawad Aslam Rehan Zahid Mian Ashfaq Ali Muazzam Arshad
Materials , Volume 16(9), Article Number 3431

Impact Factor: 3.748 | **Quartile:** 1 | **Citations:** 4

DOI: <https://doi.org/10.3390/ma16093431>

Friction and Wear Performance Evaluation of Bio-Lubricants and DLC Coatings on Cam/Tappet Interface of Internal Combustion Engines

2021

Rehan Zahid Muhammad Usman Bhutta Riaz Ahmad Mufti Muhammad Usman Abdullah Haji Hassan Masjuki Mahendra Varman Muhammad Abul Kalam Mian Ashfaq Ali Jawad Aslam Khalid Akhtar
Materials , Volume 14(23), Article Number 7206

Impact Factor: 3.623 | **Quartile:** 1 | **Citations:** 7

DOI: <https://doi.org/10.3390/ma14237206>

Roller sliding in engine valve train: Effect of oil film thickness considering lubricant composition

2020

Muhammad Khurram Riaz Ahmad Mufti Muhammad Usman Bhutta Hafiz Malik Naqash Afzal Muhammad Usman Abdullah Sami Ur Rahman Shah Saif ur Rehman Rehan Zahid Khalid Mahmood Mian Ashfaq Muhammad Umar
Tribology International , Volume 149, Article Number 105829

Impact Factor: 4.872 | **Quartile:** 1 | **Citations:** 11

DOI: [10.1016/j.triboint.2019.06.022](https://doi.org/10.1016/j.triboint.2019.06.022)

Conference Proceedings

Effect of WPC Surface Treatment on the Performance of an Engine Valve Train

2023

Dr Muhammad Usman Bhutta Shahbaz Ahmad Samiur Rahman Shah Muhammad Khurram Riaz Ahmad Mufti Dr Muhammad Usman Abdullah Kiyotaka Ogawa Rehan Zahid Dr Jawad Aslam Mian Ashfaq Ali Tayyab Ul Islam
Leeds-Lyon Symposium on Tribology , res.country(231,)

Citations: N/A

DOI: Available after Publishing of Article