

# Hafiz Malik Naqash Afzal

Lecturer

School of Mechanical & Manufacturing Engineering

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## About

Dr. Hafiz Malik Naqash Afzal is working as Lecturer in the School of Mechanical & Manufacturing Engineering. Dr. Hafiz Malik Naqash Afzal has published 6 research articles & conference papers having a citation count of 32, carried out 0 projects and filed 0 intellectual property.

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## Qualifications

<b>MS in Mechatronics Engineering</b>	2014 - 2016
Beijing University of Aeronautics and Astronautics , China	

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## Experience

<b>Lecturer</b>	2022- Present
School of Mechanical & Manufacturing Engineering	
<b>Lecturer</b>	2018 - 2018
School of Mechanical & Manufacturing Engineering	
<b>Lecturer</b>	2017 - 2018
School of Mechanical & Manufacturing Engineering	
<b>Lab Engineer</b>	2017 - 2017
School of Mechanical & Manufacturing Engineering	
<b>Lab Engineer</b>	2012 - 2017
School of Mechanical & Manufacturing Engineering	

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## Awards

<b>Excellent Study Award</b>	2016
Excellent Study Award	

## Research Articles

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### 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

### Effect of lubricant chemistry on the performance of end pivoted roller follower valve train

2016

Muhammad Khurram Riaz Ahmad Mufti Rehan Zahid Hafiz Malik Naqash Afzal Muhammad Usman Bhutta Mushtaq Khan  
*Tribology International*, Volume: 93, Special Issue:SI, Pages:717-722, Part:B

**Impact Factor:** 2.903 | **Quartile:** 1

**DOI:** 10.1016/j.triboint.2014.10.021

### Experimental measurement of roller slip in end-pivoted roller follower valve train

2015

Muhammad Khurram Riaz Ahmad Mufti Rehan Zahid Hafiz Malik Naqash Afzal Muhammad Usman Bhutta  
*Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology*, Volume 229, Issue 9, Pages 1047-1055

**Impact Factor:** 0.907 | **Quartile:** 3 | **Citations:** 16

**DOI:** 10.1177/1350650115572198

### Measuring the tribological performance of all the tappets in a production engine using magnetometer sensors and the effect of lubricant rheology

2015

Riaz Ahmad Mufti Rehan Zahid Farrukh Qureshi Jawad Aslam Hafiz Malik Naqash Afzal Muhammad Usman Bhutta  
*Lubrication Science*, Volume 27, Issue 4, Pages 251-263

**Impact Factor:** 1.384 | **Quartile:** 2 | **Citations:** 5

**DOI:** 10.1002/lis.1276

## Conference Proceedings

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### Effect of Roller Sliding and Lubricant Composition on Engine Valve Train Friction

2023

Muhammad Khurram Dr Riaz Ahmad Mufti Dr Muhammad Usman Bhutta Dr Naqash Afzal Muhammad Usman Abdullah Tayyab Ul Islam Ali Raza Dr Rehan Zahid Irfan Gondal  
*Leeds-Lyon Symposium on Tribology*, res.country(231,)

**Citations:** N/A

**DOI:** Available after Publishing of Article

### Experimental Study of Lubrication Conditions in Roller Follower Valve Train

2023

Muhammad Khurram Riaz Ahmad Mufti Muhammad Usman Bhutta Muhammad Usman Abdullah Naqash Afzal Ali Raza Tayyab Ul Islam Irfan Gondal Rehan Zahid Sami Ur Rehman  
*Leeds-Lyon Symposium on Tribology*, res.country(231,)

**Citations:** N/A

**DOI:** Available after Publishing of Article