

Murtaza Hussain

Defence Faculty
Pakistan Navy Engineering College

Email: murtaza.hussain@pnec.nust.edu.pk
Contact: 0214850
LinkedIn:



About

Dr. Murtaza Hussain is working as Defence Faculty in the Pakistan Navy Engineering College. Dr. Murtaza Hussain has a PhD in MECHANICAL ENGINEERING. Dr. Murtaza Hussain has published 6 research articles & conference papers, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in MECHANICAL ENGINEERING NUST, Islamabad , Pakistan	2014 - 2018
MS in Thermal Power NUST, Islamabad , Pakistan	2012 - 2014
BE in MECHANICAL ENGINEERING NUST, Islamabad , Pakistan	2000 - 2002

Experience

Defence Faculty Pakistan Navy Engineering College	2023- Present
Defence Faculty Pakistan Navy Engineering College	2021 - 2021
Defence Faculty Pakistan Navy Engineering College	2012 - 2021
CDR PN , PN	1998 - 2017

Research Articles

Characterization and Development of Ceramics with Inorganic Additives
Mirza Awais Arif Asif Mansoor Imran Shah Murtaza Hussain Muhammad Asif
Inventions , Volume: 9, Issue: 6, Article Number: 121, Pages:14
Impact Factor: 2.1 | Quartile: 2
DOI: <https://doi.org/10.3390/inventions9060121>

2024

New Approaches of Stochastic Models to Examine the Vibration Features in Roller Bearings
Saima Bhatti Asif Ali Shaikh Asif Mansoor Murtaza Hussain
Applied Sciences , Volume 14(4), Article Number 1616
Impact Factor: 2.7 | Quartile: 2
DOI: [10.3390/app14041616](https://doi.org/10.3390/app14041616)

2024

An Empirical and Numerical Approach to Evaluate Submarine Resistance in Fully Submerged Configuration with Experimental validation
Muhammad Asad Asif Mansoor Behzad Ahmed Zai Murtaza Hussain Najam us Saqib
Journal of Maritime Research , Vol XX. No. II, Pages 42-51
Impact Factor: N/A
DOI: <https://www.jmr.unican.es/index.php/jmr/article/view/713>

2023

Virtual Captive Model tests for Maneuvering Prediction
Obaid Ullah Khan Asif Mansoor Behzad Ahmed Zai Murtaza Hussain Najam us Saqib Tariq Jamil
Journal of Maritime Research , Volume 19, No. 3, Pages 47-51
Impact Factor: N/A
DOI: <https://www.jmr.unican.es/index.php/jmr/article/view/661>

2022

Book Chapters

Energy management in gas distribution networks
Murtaza Hussain Asif Mansoor Syed Ahsan Ali
In: *Comprehensive Energy Systems (Second Edition)* , 2nd Edition, Volume 10, Pages 370-402
Citations: N/A
DOI: <https://doi.org/10.1016/B978-0-44-313219-3.00190-8>

2025

Machine learning in energy management
Murtaza Hussain Asif Mansoor S. Mujtaba Hussain Kazmi
In: *Comprehensive Energy Systems* , 2nd Edition, Volume 10, Pages 650-687
Citations: N/A
DOI: <https://doi.org/10.1016/B978-0-44-313219-3.00191-X>

2025