

Murtaza Hussain

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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