

Zeeshan Riaz

Defence Faculty

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About

Dr. Zeeshan Riaz is working as Defence Faculty in the Pakistan Navy Engineering College. Dr. Zeeshan Riaz has a PhD in Marine Hydrodynamics. Dr. Zeeshan Riaz has published 10 research articles & conference papers having a citation count of 7, carried out 1 projects and filed 0 intellectual property.

Qualifications

PhD in Marine Hydrodynamics University College London, University of London , England	2009 - 2015
MSc in Naval Architecture University College London, University of London , England	2005 - 2007
BE in Electronics NUST, Islamabad , Pakistan	1999 - 2002

Experience

Defence Faculty Pakistan Navy Engineering College	2018- Present
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Research Projects

National Projects

Design and Development of Unmanned Surface Vehicle Funding Agency: NUST Amount: PKR 10,000,000.00 Status: Approved_inprocess	2024
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International Projects

Research Articles

Numerical Estimation and Validation of Drag Force for KCS Hull using STAR CCM+ Obaid Ullah Khan Zeeshan Riaz Asif Mansoor Behzad Ahmed Zai Najam us Saqib Journal of Maritime Research, Volume XX, No. III, Pages 46-50 Impact Factor: N/A DOI: https://www.jmr.unican.es/index.php/jmr/article/view/728	2023
To study the effectiveness of stern appendages (Cruciform & X Shaped configurations) for maneuverability of autonomous underwater vessel using computational fluid dynamics Arif Hussain Adil Loya Zeeshan Riaz Saeed Akram Malik Ocean Engineering, Volume:272, Article Number: 113858 Impact Factor: 4.372 Quartile: 1 Citations: 6 DOI: 10.1016/j.oceaneng.2023.113858	2023

Conference Proceedings

- Future of Sustainable and Green Energy Technologies in Shipping Sector – An Overview** 2025
Muntazir Abbas Zia Shahid Mehdi Zeeshan Riaz Sara Asif Raza Qamar Abbas Urfa Rasool M Yasir Syed Mustafa Haider
14th International Mechanical Engineering Conference (IMEC-2025), res.country(177,)
Citations: N/A
DOI: <https://imec.neduet.edu.pk/>
- Enhancing electrical conductivity of Cellulose Acetate microfibers through Copper electroplating** 2025
Warda Khalid Ghadai Syed Waqar Hasan Zeeshan Riaz Syed Mustafa Haider Muntazir Abbas
14th International Mechanical Engineering Conference (IMEC-2025), res.country(177,)
Citations: N/A
DOI: Nil
- Corrosion Resistance of Cupronickel Material exposed to Marine Environment of North Indian Ocean** 2023
Syed Ali Sarfraz Shah MUNTAZIR ABBAS Zeeshan Riaz Nasir Mahmood Ahmad3 Syed Haider Mehdi Rizvi
20th IBCAST 2023, res.country(177,)
Citations: N/A
DOI: doi.org/10.3390/xxxxx
- Hullform Design, Optimization and Controllability of a Small Waterplane Area Twin Hull (SWATH)** 2022
Adil Hassan Zeeshan Riaz Naveed.Ali Dr Asif Mansoor Muhammad Asif
2022 19th International Bhurban Conference on Applied Sciences and Technology (IBCAST), res.country(177,)
Citations: 1
DOI: [10.1109/IBCAST54850.2022.9990483](https://doi.org/10.1109/IBCAST54850.2022.9990483)
- STUDY ON DESIGNING AIR CUSHION VEHICLE USING ANALYTICAL APPROACH AND CFD TOOLS** 2021
DR ZEESHAN RIAZ Muzamil Anees Dr. Hassan Khalid Saeed Khalid
2021 International Bhurban Conference on Applied Sciences and Technologies (IBCAST), res.country(177,)
Citations: N/A
DOI: [10.1109/IBCAST51254.2021.9393289](https://doi.org/10.1109/IBCAST51254.2021.9393289)
- NUMERICAL EVALUATION OF PENTRAMARAN HULLFORM FOR ROLL RESONANCE** 2021
DR ZEESHAN RIAZ Hassan Khalid RafetEmek Kurt
2021 International Bhurban Conference on Applied Sciences and Technologies (IBCAST), res.country(177,)
Citations: N/A
DOI: [10.1109/IBCAST51254.2021.9393314](https://doi.org/10.1109/IBCAST51254.2021.9393314)
- An Empirical and Numerical Approach to Develop a Single and Multi-phase CFD Methodology for submarines and ship** 2021
Muhammad Asad Asif Mansoor Zeeshan Riaz Murtaza Hussain
18th International Bhurban Conference on Applied Sciences & Technology (IBCAST), res.country(177,)
Citations: N/A
DOI: <http://www.ibcast.org.pk/>
- DEVELOPMENT OF METHODOLOGY FOR QUICK SEAKEEPING ASSESSMENT OF WARSHIPS FOR HELICOPTER OPERATIONS IN ROUGH WEATHER** 2020
DR ZEESHAN RIAZ Dr. Hassan Khalid Hasan Baris Karayel Fatih Donmez
17TH INTERNATIONAL BHURBAN CONFERENCE ON APPLIED SCIENCES & TECHNOLOGY (IBCAST), 14-18 JAN 2020 PAKISTAN , res.country(177,)
Citations: N/A
DOI: JAN 2021