

# Syed Muhammad Tayyab

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## About

Dr. Syed Muhammad Tayyab is working as Defence Faculty in the Pakistan Navy Engineering College. Dr. Syed Muhammad Tayyab has published 3 research articles & conference papers having a citation count of 29, carried out 0 projects and filed 0 intellectual property.

## Qualifications

## Experience

<b>Defence Faculty</b> Pakistan Navy Engineering College	2023- Present
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## Research Articles

<b>LSTM-Based Autoencoder with Maximal Overlap Discrete Wavelet Transforms Using Lamb Wave for Anomaly Detection in Composites</b> <i>Syed Haider Mehdi Rizvi Muntazir Abbas Syed Sajjad Haider Zaidi Syed Muhammad Tayyab Adil Malik</i> <i>Applied Sciences</i> , Volume: 14, Issue: 7, Article Number:2925 <b>Impact Factor:</b> 2.7   <b>Quartile:</b> 2   <b>Citations:</b> 5 <b>DOI:</b> 10.3390/app14072925	2024
<b>Intelligent Defect Diagnosis of Rolling Element Bearings under Variable Operating Conditions Using Convolutional Neural Network and Order Maps</b> <i>Steven Chatterton Syed Muhammad Tayyab Paolo Pennacchi</i> <i>Sensors</i> , Volume:22, Issue:5, Article Number 2026 <b>Impact Factor:</b> 3.9   <b>Quartile:</b> 2   <b>Citations:</b> 24 <b>DOI:</b> 10.3390/s22052026	2022

## Book Chapters

<b>Energy management in marine transportation sector</b> <i>Muntazir Abbas Qamar Abbas Asif Khan Syed Muhammad Tayyab Syed Haider Mehdi Rizvi Asif Raza Sajjad Haider Zaidi Asghar Abbas Razzaqi Sumaira Haider Syed Ali Sarfraz</i> In: <i>Reference Module in Earth Systems and Environmental Sciences</i> , Pages 1-34 <b>Citations:</b> N/A <b>DOI:</b> 10.1016/b978-0-44-313219-3.00151-9	2025
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