

Mudassar Shahzad

Assistant Professor
Pakistan Navy Engineering College

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About

Dr. Mudassar Shahzad is working as Assistant Professor in the Pakistan Navy Engineering College. Dr. Mudassar Shahzad has a PhD in Materials Science and Engg. Dr. Mudassar Shahzad has published 4 research articles & conference papers having a citation count of 70, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Materials Science and Engg Nanjing University of Science and Technology , China	2019 - 2023
MS in Ferroelectric Polymers And Actuators Ulsan University , South Korea	2012 - 2014
BS in Metallurgy And Materials Engineering University of the Punjab , Pakistan	2005 - 2009
BSc in Maths-A, Maths-B And Physics University of the Punjab , Pakistan	2003 - 2005

Experience

Assistant Professor Pakistan Navy Engineering College	2025- Present
Lecturer School of Chemical & Materials Engineering	2023 - 2023
Lecturer School of Chemical & Materials Engineering	2019 - 2023
Lecturer School of Chemical & Materials Engineering	2014 - 2019
Senior Design Officer/ Assistant Director (Materials) National Aerospace Science and Technology Park (NASTP) , National Aerospace Science and Technology Park (NASTP)	2023 - 2024
Lab Engineer Ghulam Ishaq Khan Institute (GIKI) of Engineering and Technology , GIKI, Topi 23640, Distt SWABI, KPK, Pakistan	2010 - 2012

Awards

Community Services Award Best School Advisor of NUST Community Services Award, in return of my services provided for strengthening the community to launch sustainable Al-Qalam project to fund poor women for their livelihood and children for their free education. This project is sustainable and self growing every year.	2017
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Flexible and transparent piezoelectric loudspeaker

2021

Mudassar Shehzad S. Wang Y. Wang

npj Flexible Electronics (Nature), Volume 5, Article Number: 24

Impact Factor: 12.740 | **Quartile:** 1 | **Citations:** 35

DOI: 10.1038/s41528-021-00121-z

Structural Tailing and Pyroelectric Energy Harvesting of P(VDF-TrFE) and P(VDF-TrFE-CTFE)

2020

Ferroelectric Polymer Blends

Mudassar Shehzad Yaojin Wang

ACS Omega, Volume 5(23), Pages 13712–13718

Impact Factor: 3.512 | **Quartile:** 2 | **Citations:** 15

DOI: <https://doi.org/10.1021/acsomega.0c00871>

Antiferroelectric Behavior of P(VDF-TrFE) and P(VDF-TrFE-CTFE) Ferroelectric Domains for Energy Harvesting

2018

Mudassar Shehzad

ACS Applied Energy Materials, Pages 1-9

Impact Factor: - | **Citations:** 20

DOI: 10.1021/acsaem.8b00478

New Strategies of Placement Office Towards Employability of its Graduates

2018

Mudassar Shehzad Muhammad Ali Gulfam Jahangiri Hira Amin Kalsoom Zahra Muhammad Mukarram Muhammad Wahib Usama Ijaz Varda Asif Yumna

Rashid Muhammad Ali Mohammad

International Journal of Scientific & Engineering Research, Volume 9, Issue 3, Pages 305-310

Impact Factor: 0

DOI: 00.00000/ijser.2018.03.00