

# 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

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

## Experience

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

## Awards

<b>Community Services Award</b> 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