

# Muhammad Abdullah Tayyab

Lab Engineer

College of Electrical & Mechanical Engineering

Email: lab.engr26@ceme.nust.edu.pk

Contact:

LinkedIn: <https://www.linkedin.com/in/m-abdullah-tayyab/>



## About

Dr. Muhammad Abdullah Tayyab is working as Lab Engineer in the College of Electrical & Mechanical Engineering. Dr. Muhammad Abdullah Tayyab has published 4 research articles & conference papers, carried out 0 projects and filed 0 intellectual property.

## Qualifications

**BS in Mechatronics and Robotics** 2018 - 2022  
UET Taxila , Pakistan

## Experience

**Lab Engineer** 2024- Present  
College of Electrical & Mechanical Engineering

## Research Articles

**Design of a novel tri-axis ZnO nanowires based piezoelectric accelerometer** 2025  
*Muhammad sohaib Khan Hassan Elahi Muhammad Mubasher Saleem Masood Ur Rehman Muhammad Abdullah Tayyab Mohsin Islam Tiwana*  
PLoS ONE , Volume 20, Issue 3, Article Number e0318069  
**Impact Factor:** 2.900 | **Quartile:** 1  
**DOI:** <https://doi.org/10.1371/journal.pone.0318069>

## Conference Proceedings

**Machine Learning Based Energy Prediction of Hybrid Solar-Wind Energy Harvesters Using MPPT** 2024  
*Muhammad Abdullah Khan Muhammad Taha Rehan Shahid Muhammad Subhan Asad Hassan Elahi Muhammad Abdullah Tayyab*  
6th International Conference on Robotics and Automation in Industry, ICRAI 2024, res.country(177,)  
**Citations:** N/A  
**DOI:** <https://doi.org/10.1109/ICRAI62391.2024.10894090>

**Materials Classification via Piezoelectric Sensors for Robotic Grippers** 2024  
*Hafiz Muhammad Saad Asjid Mehmood Malik Muhammad Hasham Tahir Khan Muhammad Sirhan Tahir Hassan Elahi Muhammad Abdullah Tayyab*  
6th International Conference on Robotics and Automation in Industry, ICRAI 2024, res.country(177,)  
**Citations:** N/A  
**DOI:** <https://doi.org/10.1109/ICRAI62391.2024.10894683>

**Computation of Human Body Equilibrium for Leg Based on Gait Cycle** 2021  
*Muhammad Asif Muhammad Abdullah Tayyab Muhammad Hammad Shahid Muhammad Naeem Zafar Konain Haider Bhatti Syed Arsalan Ali Murtaza Kazmi Mohsin Islam Tiwana*  
2021 International Conference on Robotics and Automation in Industry (ICRAI), res.country(177,)  
**Citations:** N/A  
**DOI:** [10.1109/ICRAI54018.2021.9651391](https://doi.org/10.1109/ICRAI54018.2021.9651391)