



## Faculty Profile

**Full Name: Engr. Tehniyat Saeed**

**Position/ Designation: Lecturer**

**Faculty/Department: Electrical Engineering**

**Email Address: engrtehniyat@gmail.com**



### Short Introduction

Engr. Tehniyat Saeed is an experienced Electrical and Electronics Engineering professional with extensive academic and administrative experience. She is currently serving as a Lecturer in the Electrical Engineering Department at Nazeer Hussain University. She holds a B.E in Electronics Engineering and an M.E in Electrical Engineering (Telecommunication) both from NED University of Engineering & Technology, and is currently pursuing her Ph.D. in Robotics with research focused on sensor fusion for 3D heritage mapping from NED University of Engineering & Technology.

She has contributed significantly to teaching and academic leadership, having served as Head of Department, Principal, and Visiting Lecturer at various reputable institutions. Engr. Tehniyat Saeed has also supervised and led numerous student projects in robotics and electronics. She has published research in international journal, including her work on low-cost 2D laser scanners for terrain mapping.

Her areas of expertise and research interest include robotics, digital signal processing, embedded systems, and advanced electronics, with a focus on practical implementation and innovation in engineering education.



## Experience

**02/2026 – Present**

**Designation:** Lecturer

**University:** Electrical Engineering Department, Nazeer Hussain University, Karachi, Pakistan

**04/2023 – 12/2025**

**Designation:** Lab Teacher

**University:** Electronics Department, NED University of Engineering and Technology, Karachi, Pakistan

**01/2021 – 12/2025**

**Designation:** Head of Department (Electronics)

**Institute:** Saifee Eid-e-Zahabi Institute of Science & Technology, Karachi, Pakistan

**07/2022 – 07/2023**

**Designation:** Visiting Lecturer

**University:** Electrical Engineering Department, Indus University, Karachi, Pakistan

**09/2015 – 12/2018**

**Designation:** Faculty Member

**Institute:** Dadabhoy Institute of Science and Technology, Karachi, Pakistan

**07/2005 – 07/2021**

**Designation:** Principal / Head of Department (Electronics & Electrical)

**Organization:** Metallurgical training Center Pakistan Steel Mills, Karachi, Pakistan



## Educational Information

**2022 – Present**

**Doctor of Philosophy (Ph.D.) in Robotics**

**Department:** Electrical Engineering, NED University of Engineering & Technology, Karachi, Pakistan

**2005 – 2008**

**Master of Engineering (M.E.) in Electrical Engineering**

**Department:** Electrical Engineering, NED University of Engineering & Technology, Karachi, Pakistan

**2001 – 2004**

**Bachelor of Engineering (B.E.) in Electronics Engineering**

**Department:** Electronics Engineering, NED University of Engineering & Technology, Karachi, Pakistan

## Achievements, Research/Publications

**Slum Terrain Mapping Using Low-Cost 2D Laser Scanners**, DOI: 10.5755/j02.eie.33884, International Journal of Electrical and Information Engineering.