

NAJIA KAISER

M. Engg., B.E. (Electrical Engineering)
LECTURER & PH.D. SCHOLAR

Department of Electrical Engineering
NED University of Engineering & Technology (NEDUET)

PROFILE SUMMARY

Dedicated and results-oriented Lecturer at NEDUET since 2016, holding a B.E. (2007) and M.E. in Electrical Power Systems (2016). Experienced in teaching core subjects like Electrical Machines and Renewable Energy. Mentor students in various final-year projects. Known for effective communication, engaging presentation skills, team collaboration, and efficient decision-making. Passionate about reviewing research, implementing Outcome Based Education (OBE), and mentoring with enthusiasm and professionalism.

PROFESSIONAL EXPERIENCE

Lecturer, Department of Electrical Engineering
NEDUET (2016–Present)

Currently serving Electrical department as a **Faculty Advisor** of IEEE Power and Energy Society (Student Branch Chapter)

Student Activities Coordinator in Electrical Department

Teach undergraduate courses including Electrical Machines, Renewable energy, Electrical Power System Protection, Basic Electrical Engineering, Circuit Analysis, Power Generation.

Supervise final-year projects that translate theoretical knowledge into practical applications.

Develop and implement OBE-aligned teaching and assessment methodologies.

Actively contribute to curriculum development and enhancement.

CONFERENCES & SEMINARS

Guest Speaker at Karachi Youth Career Seminar, University of Karachi (Nov 2017)

Participant at IEEC-2018, IEEC-2019, IEEC-2022, IEEC-2023, IEEC-2025 and ICCEE 2017

CONTACT

najianaveed@neduet.edu.pk

Off. Contact: 021-99261261

(Ext. 2207)

[linkedin.com/in/najia-gaiser-0880a7144](https://www.linkedin.com/in/najia-gaiser-0880a7144)

Karachi, Pakistan

ABOUT ME

I am a dedicated educator and researcher with over a decade of teaching and academic experience in Electrical Engineering. Currently serving as a Lecturer and Ph.D. Scholar at NED University of Engineering & Technology. I am passionate about simplifying complex concepts, guiding students in their academic journey, and contributing to research and innovation in my field.

ACADEMIC QUALIFICATION

Ph.D. Fellowship

Currently ongoing at NEDUET

M.E. (Electrical Power Systems)

NEDUET (2016)

B.E. (Electrical Engineering)

NEDUET (2007)

FINAL YEAR PROJECTS SUPERVISED

Cost-Effective Electric Power Train — Guided students through design and development.

Design & Fabrication of Pulsed Eddy Current Testing — Supervised prototype and testing phases.

Protection Coordination of Hub Power Plant (ETAP) — Mentored real-world protective system modeling

SKILLS & SOFTWARE PROFICIENCY

Software & Tools: PSS/E, MATLAB / Simulink, ETAP, MS Office, Python

Domain Expertise: Power System Protection, Electrical Machines, Power System Analysis, Renewable Energy, Power System Distribution, Power System Stability Analysis

MEMBERSHIPS

Pakistan Engineering Council (PEC) — Registered Engineer, Reg. #: ELECTRICAL/23928

Institute of Engineers Pakistan (IEP) — Member, Reg. #: KCM-5831

TRAININGS

Trainer for OBE workshops, Department of Electrical Engineering, NEDUET.

Attended Effective Teachers Training and Feedback Analysis Training by QEC, NEDUET.

Completed Protection & Controls Training conducted by ABB experts at NEDUET.