

Zakir Hussain Khan

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Current Position: Assistant Professor

Department: Mathematics

Institution: NED University of Engineering & Technology, Karachi, Pakistan

Career Objective

Dedicated and experienced academician with over 18 years of university-level teaching in Probability and Statistics and related courses. Committed to delivering high-quality education, mentoring students, and contributing to curriculum development in mathematical and statistical sciences. Seeking to continue academic excellence through research and pedagogical innovation.

Academic Qualifications

Degree	Institution	Year	Field of Study
M.S. Applied Mathematics	NED University of Engineering & Technology	[2015]	Applied Mathematics
M.Sc. Statistics	University of Karachi	[2000]	Statistics

Professional Experience

Assistant Professor

Department of [Mathematics], NED University of Engineering & Technology

2018 – Present

Lecturer

Department of [Mathematics], NED University of Engineering & Technology

2006 – 2018

- Teaching undergraduate and postgraduate courses of Statistics in **BS and BE programs offered in NED University, MS in Applied Mathematics and in Data Science.**
- Supervising student projects and final-year theses involving statistical and financial applications.

- Participated in curriculum development and academic committee activities.
 - Delivered guest lectures and contributed to faculty development programs.
 - Advised students academically and guided their professional development.
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Courses Taught

- Probability and Statistics
 - Applied Statistics
 - Numerical Methods
 - Statistics and Probability for Data Science
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Research Interests

- Statistical Modeling and Data Analysis
 - Probability Theory and Applications
 - Applied Mathematics in Engineering Problems
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Professional Skills

- Proficient in statistical software: **Minitab, SPSS, Excel**
 - Strong classroom management and communication skills
 - Experienced in academic advising and mentorship
 - Familiar with e-learning platforms (Zoom, Google Classroom)
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Workshops and Seminars Attended

- "Modern Approaches to Teaching ", HEC Workshop,
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Languages

- English – Fluent
 - Urdu – Native
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