


— ARJUMAND SAMAD —

Assistant Professor

 0336-3229760

 akhan@neduet.edu.pk

Professional Summary

Dedicated and experienced educator with over 29 years of teaching experience in core Electrical Engineering subjects. Demonstrated excellence in student engagement, academic advising, and fostering a positive learning environment. Strong reputation for resolving student issues effectively and enhancing overall student satisfaction.

Professional Experience

Assistant Professor (BPS-19)

NED University of Engineering and Technology, Karachi, Sindh

October 2007 – Present

- Teaching core courses in Electrical Engineering.
- Mentoring final-year students and supervising undergraduate projects.
- Actively participating in departmental activities and academic committees.
- Contributing to curriculum development and academic quality enhancement.

Lecturer (BPS-18)

NED University of Engineering and Technology, Karachi, Sindh

November 1997 – September 2007

- Delivered lectures in key Electrical Engineering subjects.
- Guided students in laboratory sessions and research activities.
- Served as a student counselor for final-year students.

Lecturer

Sir Syed University of Engineering and Technology, Karachi, Sindh

September 1996 – October 1997

- Taught undergraduate courses in Electrical Engineering.
- Assisted in departmental administrative and academic tasks.

Design Engineer

A.E.G. Private Ltd. (Presently known as Alstom), Karachi, Sindh

April 1996 – August 1996

- Worked on electrical design and system implementation projects.
 - Supported senior engineers in developing project documentation and report
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Education

Master of Engineering (Electrical Power Systems)

NED University of Engineering and Technology, Karachi

June 2005 – 2007

GPA: 3.7

Bachelor of Engineering (Electrical Engineering)

NED University of Engineering and Technology, Karachi

January 1990 – January 1996

Result: First Division

H.Sc. (Pre-Engineering)

PECHS College, Karachi Board

January 1988 – January 1990

Result: First Division

S.S.C. (Science Group)

Gulistan S.A.L. Girls Secondary School, Karachi

January 1981 – January 1988

Result: First Division

Publications & Researchs

- [1] Arjumand Samad, "**SOLAR BASED AIR PURIFYING SYSTEM FOR IMPROVING AIR QUALITY INDEX**" has been accepted at the International Conference on Technology (IConTech22) in November 16, 2022, Antalya, Turkey
 - [2] A. Samad "**Analysis and solutions of inconsistent regulation of power companies**", conference on Energy and sustainability in 27th April 2013 Karachi, Pakistan
 - [3] Arjumand Samad, "**SMART GRID framework for Pakistan "Perception to practicality"**", **Renewable Energies and Power Quality Journal (REPQJ)**, ISSN 2172-038X. Santiago de Compostela (Spain), 28th to 30th March, 2012.
 - [4] Arjumand Samad, "**Rudiments of an Energy Proficient Home/Building**", 2nd International conference on Energy and environment 2012 Quaid-e-Awam University of Engineering, Science and Technology (QUEST), Nawabshah, Pakistan.
 - [5] Arjumand Samad, "**Building energy efficient homes**" article published in the daily Dawn newspaper, May 2012.
 - [6] Arjumand Samad, "**Gloomy power scene- possible remedies**" IEEE Symposium 2008.
 - [7] Arjumand Samad, "**Usage of Desktop computer in control and measurement for educational purpose**" IEEE Symposium 2004, Karachi .Pakistan.
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Professional Affiliations

- **Lifetime Member**, Pakistan Engineering Council (PEC) — *Membership No. ELECT/14194*
 - **Departmental Representative**, Duty Society
 - **Member**, Board of Representatives, Department of Student Affairs
 - **Student Counselor**, Final Year Electrical Engineering Students
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Languages

- English
- Urdu