

**ACADEMIC
CURRICULUM VITAE**

1. Name - Surname: ŞENOL İ. BEKTAŞ

2. Title: PROF.DR.

3. Educational Background:

Degree	Department/Program	University	Year
Bachelor's	ELECTRICAL&ELECTRONIC	MIDDLE EAST TECHNICAL UNIVERSITY	1979
Master's	ELECTRICAL&ELECTRONIC	MIDDLE EAST TECHNICAL UNIVERSITY	1982
PhD	ELECTRICAL&ELECTRONIC	MIDDLE EAST TECHNICAL UNIVERSITY	1987

4. Master's / PhD Thesis

4.1.Master's Thesis Title and Thesis Advisor(s):A FINITE DIFFERENCE PROGRAM FOR INVESTIGATIONS ON FORCES IN DOUBLY-SALIENT STRUCTURES,SUPERVISED BY PROF.DR.MİRZAHAN HIZAL

4.2.PhD Thesis /Medical Specialty Thesis Title and Advisor(s): SURFACE CHARGING OF HIGH VOLTAGE SPACERS IN SF6,SUPERVISED BY PROF.DR.MIRZAHAN HIZAL

5. Academic Titles:

Date of Assistant Professorship: 1988

Date of Associate Proferssorship: 1990

Date of Professorship: 2001

6. Supervised Master's and PhD Theses:

6.1.Master'sTheses

1.Reactive Power Compensation Using The FACTS Device STATCOM,Josue M. Kayambe,2022.

2.Design and Analysis of Multi-Input Multi-Output DC-DC Boost Converter,Luqman Olowape,2024.

6.2. PhD Theses

7. Publications

7.1. Articles Published in International Peer-Reviewed Journals (SCI,SSCI, AHCI, ESCI, Scopus)

- (1) BEKTAŞ, Ş.İ., FOURACRE, R.A., LEONIDOPOULOS, G., FRAME, R.I., "Surface Conductivity Measurements on Thin Polymer Films", Journal of Physics E: Scientific Instruments, Volume 19, January 1986, pp155-156.
- (2) BEKTAŞ, Ş.İ., FARISH, O., HIZAL, M., "Computation of the Electric Field at a Solid/Gas Interface in the Presence of Surface and Volume Charges", IEE Proceedings, Vol. 133, Pt.A., No.9, pp 577-586, December1986.
- (3) BEKTAŞ, Ş.İ., "Spatiotemporal Development of Surface-Charges on Spacers Stressed with DC Voltages", IEEE Transactions on Electrical Insulation25(3):515-520,June1990.
- (4) DİNÇER, M.S., HIZIROĞLU, H.R., BEKTAŞ, S.İ., "The Behavior of N₂ + SF₆ Gas Mixtures Subjected to Orthogonal Electric and Magnetic Fields", IEEE Transactions on Dielectrics and Electrical Insulation, Vol.13,No.2,April2006.
- (5) DİNÇER, M.S., ÖZERDEM, Ö., BEKTAŞ, S.İ., 'Effective Ionization Coefficients and Transport Parameters in Ultra-Dilute SF₆ + N₂ Mixtures', IEEE Transactions on Plasma Science, 13th special issue, October2007.

7.2. Articles Published in Other International Peer-Reviewed Journals

- (1) BEKTAŞ, Ş.İ., SOMERVILLE, I.C., FARISH, O., CHALMERS, I.D., "Measurements of the Temporal Decay of Charges on Insulator Surfaces" 5th International Symposium on Gaseous Dielectrics, Knoxville, Tennessee, U.S.A., May 1987, pp 553-559.
- (2) BEKTAŞ, Ş.İ., FARISH, O., "Surface Charging of Spacers Under DC Stressing" 9th International Conference on Gas Discharges and their Applications, September 1988, Venice, Italy.
- (3) BEKTAS,S.İ.,SHAHIR,F. and BABAEI,E. 'New High Step-Up DC-DC Converter in PV Systems :PerformanceandAnalysis,ICSCCW,Antalya,2021

7.3. Papers Presented at International Scientific Conferences and Published in Conference Proceedings

7.4. National/international Books or Book Chapters

7.5. Articles Published in National Peer-Reviewed Journals

8. Art and Design Activities

9. Projects

Project Code Number : 83-04-02-01

Project Name : Reactive Power Compensation of Turkish Arms Factories

10. Administrative Responsibilities

Dean of Faculty of Engineering Near East University 1993-1995

Vice-President Near East University 1995-2019

11. Memberships in Scientific and Professional Organizations

- The Institute of Electrical Engineers (IEE), London, U.K.
- Turkish Chamber of Electrical Engineers, Ankara, Turkey
- North Cyprus Chamber of Electrical Engineers, Lefkoşa, North Cyprus
- The Institute of Electrical & Electronics Engineers (IEEE), New York, U.S.A.

12. Awards**13. Undergraduate and Graduate Courses Taught in the Last Two Years**

Academic Year	Semester	Course Name	Weekly Hours		Number of Students
			Theoretical	Practical	
2021 - 2022	FALL	ECC216	4	1	35
		EE331	4	1	24
		EE525	3	0	5
	SPRING	EE202	4	1	24
		EE332	3	1	25
		ELE332	3	1	17
2022 - 2023	FALL	ECC216	4	1	35
		EE331	4	1	25
		ELE475	3	0	9
	SPRING	EE202	4	1	23
		ELE202	4	1	23
		ELE332	3	1	4