



Academic Personnel Short Profile / Short CV

University:	University of Nicosia
Surname:	Michaelides
Name:	Andreas
Rank:	Assistant Professor
Faculty:	Sciences & Engineering
Department:	Engineering
Scientific Domain: *	Electric Power Processing

** Field of Specialization*

Academic qualifications (list by highest qualification)				
Qualification	Year	Awarding Institution	Department	Thesis title
PhD Electric Power	December 88	Technische Hochschule Ilmenau Thüringen Germany	Electrical Engineering	Integrated Inductive Capacitive Component to Filter Harmonic Modulations in the Grid
MSc Electric Power	May 85	Technische Hochschule Ilmenau Thüringen Germany	Electrical Engineering	Electric Power Quality/Generation /Motor Control

Employment history – List by the three (3) most recent

Period of employment		Employer	Location	Position
From	To			
January 2008	Today	University of Nicosia	Nicosia Cyprus	Head of the Department April 2018 – April 2020, Coordinator of the Electrical Engineering Program Leader of the Thematic Area in Electrical Power Processing
February 1990	January 2008	Intercollege	Larnaca Cyprus	Assistant Professor, Computer Engineering Program Coordinator

Key refereed journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected –(max total 10)

Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2023	Power Transfer Across the Iron Gap	Martina Hanna Antonis Hadjiantonis Vijayakrishna Satamsetti	2023 The 17th International Conference on Engineering of Modern Electric Systems (EMES)		
2	2023	A Variable Inductor-Capacitor for Reactive Power Compensation	Thanos Nicolaou	2023 The 13th International Symposium on Advanced Topics in Electrical Engineering (ATEE)		

3	2021	A Novel Simple Inductor-Controlled VAR Compensator	Satyamsetti V.K., Hadjiantonis A., Thanos Nicolaou	A Power Delivery IEEE Transactions on Circuits and Systems II: Express Briefs 2021		
4	2020	Constructing an Integrated Inductive-Capacitive Component to Filter Harmonic Modulations	Thanos Nicolaou	A Transaction of the IEEE Journal for Power Delivery 2020		
5	2020	Active Compensation of Reactive Power via Statcom Analysis	Satyamsetti V.K., Hadjiantonis A.,	2020 The 12th International IET Mediterranean Power Conference MEDPOWER,		
6	2019	An Adjustable Integrated Inductive Capacitive Component to Compensate Reactive Power	Thanos Nicolaou Dimitris Afxentiou Vijayakrishna Satyamsetti ;	2019 The 15th International Conference on Engineering of Modern Electric Systems (EMES)		65-69
7	2018	Design and Analysis of a High-Frequency 3-Phase Distributed Static Compensator (HFDSC)	Vijayakrishna Satyamsetti ; Antonis Hadjiantonis ; Anastasis C. Polycarpou	IECON 2018 - 44th Annual Conference of the IEEE Industrial Electronics Society		3609- 3614
8	2018	Small-Size, Low-Weight, Single-Phase Inverter for Domestic Applications	Vijayakrishna Satyamsetti Antonis Hadjiantonis ; Anastasis C. Polycarpou ; Thanos Nicolaou	2018 The 53rd International Universities Power Engineering Conference (UPEC)		1 - 6
9	2018	Controlling excitation of synchronous motors to provide constant reactive power for varying load	Thanos Nicolaou	2018 IEEE International Energy Conference (ENERGYCON)		1 - 6
10	2017	Starting and Running the Induction Motor with a Variable Capacitor.	Thanos Nicolaou	2017 The 14th International Conference on Engineering of Modern Electric		87 - 90

				Systems (EMES)		
11	2017	Electrical Equivalent of Wound Aluminium Foils.	Thanos Nicolaou	2017 The 10th International Symposium on Advanced Topics in Electrical Engineering (ATEE)		98-102
12	2015	Integrated Inductive-Capacitive Component used as a Filter for Harmonic Modulations in the Grid.		2015 The 13th International Conference on Engineering of Modern Electric Systems (EMES)		1 - 4

**Specify venue, geographic location etc*

Research Projects. List the five (5) more recent and other five (5) selected (max total 10)				
Ref. Number	Date	Title	Funded by	Project Role*
1	1992 - 2017	Construction of an instant shooting result targeting system in collaboration with the National Guard of Cyprus. 'Sniper-System' Webpage: www.sniper-system.com		Promote training of rifle shooting in the national guard
2	1992	Design and construction of a Robotic Arm to assist lectures on mechanics, statics and microprocessor controlled systems.		Improving teaching standards