



### Academic Personnel Short Profile / Short CV

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

*\* Field of Specialization*

Academic qualifications (list by highest qualification)				
Qualification	Year	Awarding Institution	Department	Thesis title
PhDElectric Power	1988 December	Technische Universität Ilmenau Thüringen Germany	Electrical Engineering	Integrated Inductive Capacitive Component to Filter Harmonic Modulations in the Grid
MScElectric Power	1985 May	Technische Universität 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	March 2021	University of Nicosia	Nicosia Cyprus	Head of Department April 2018 – April 2020, Assistant Professor, Coordinator of Electric Power Specialization in the Electrical Engineering Program
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	2020	Constructing an Integrated Inductive-Capacitive Component to Filter Harmonic Modulations	Thanos Nicolaou	A Transaction of the IEEE journal for power delivery		
2	2020	Active Compensation of Reactive Power via Statcom Analysis	Satyamsetti V.K., Hadjiantonis A.,	2020 The 12th International IET Mediterranean Power	Year 2020	



				Conference MEDPOWER, Paphos, Cyprus		
3	2019	An Adjustable Integrated Inductive Capacitive Component to Compensate Reactive Power	Thanos Nicolaou, Dimitris Afxentiou, Vijayakrishna Satyamsetti ;	2019 15th International Conference on Engineering of Modern Electric Systems (EMES)	Year 2019	65-69
4	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	Year 2018	3609- 3614
5	2018	Small-Size, Low-Weight, Single-Phase Inverter for Domestic Applications	Vijayakrishna Satyamsetti, Antonis Hadjiantonis; Anastasis C. Polycarpou ; Thanos Nicolaou	2018 53rd International Universities Power Engineering Conference (UPEC)	Year 2018	1 - 6
6	2018	Controlling excitation of synchronous motors to provide constant reactive power for varying load	Thanos Nicolaou	2018 IEEE International Energy Conference (ENERGYCON)	Year 2018	1 - 6
7	2017	Starting and Running the Induction Motor with a Variable Capacitor.	Thanos Nicolaou	2017 14th International Conference on Engineering of Modern Electric Systems (EMES)	Year 2017	87 - 90



8	2017	Electrical Equivalent of Wound Aluminium Foils.	Thanos Nicolaou	2017 10th International Symposium on Advanced Topics in Electrical Engineering (ATEE)	Year 2017	98-102
9	2015	Integrated Inductive-Capacitive Component used as a Filter for Harmonic Modulations in the Grid.		2015 13th International Conference on Engineering of Modern Electric Systems (EMES)	Year 2015	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: <a href="http://www.sniper-system.com">www.sniper-system.com</a>		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 the teaching standards

*\*Project Role: i.e. Scientific/Project Coordinator, Research Team Member, Researcher, Assistant Researcher, other*



**Consulting Services and/or Participation in Councils / Boards/ Editorial Committees.  
List the five (5) more recent**

Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	1993 - 2019	Member of the Cyprus Scientific and Technical Chamber, ETEK.	Member	Consulting
2	2015 - 2019	Member of the Institute of Electrical and Electronics Engineers, IEEE.	Member	Participating in conferences