SCIENTIFIC CURRICULUM VITAE

I. PERSONAL DETAILS

Full name: **Nguyễn Minh Hoà**

Sex: **Male**

Year of birth: **04/01/1979**

Place of birth: **Trà Vinh**

Home town: **Trà Vinh**

Nation: **Kinh**

Administrative position: **Dean**

ID Number:

Degree: **PhD** Years: **2013**

Hoa Kỳ (United States)

Academic title:

Year of appointment:

Administrative position: **School of Engineering and Technolory**

Address:

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II. QUALIFICATION

NO	Years	Academic institutions	Major/ Specialty	Academic degree
1	10/1998 - 12/2002	Ho Chi Minh City University of Technology	Electrical and Electronic Engineering	University
2	10/2003 - 10/2005	Ho Chi Minh City University of Technology	Control Engineering	masters
3	09/2009 - 05/2013	Idaho State University	Engineering and Applied Science	PhD

III. FOREIGN LANGUAGE:

NO	Language	rating
1	English	TOEFL PBT 575

IV. EXPERTISE AND RESEARCH INTERESTS

1. Main research orientation.

Automatic control systems, Fuzzy logic and Neural networks control systems, Wind energy conversion systems, Model predictive control

2. List of research projects List all the research grants/ projects received the last 5 years.

NO	Project name	Project duration	Subject level	Position
1	Design a flesh-thickness dectecting and sorting device for makapunos	2018	Tra Vinh university	Principal investigator
2	Examining and Analyzing the Impact of Operating Factors of Air Conditioning Systems on Energy Used in Buildings	2017	en	Principal investigator
3	Advanced control strategies for wind energy conversion systems	2016	en	Principal investigator
4	Design thermal models and propose optimal energy management of Engineering and Technology Building, Tra Vinh University	2015	en	Principal investigator

3. Publications and accomplishments:

[1] Nguyễn Minh Hoà,Võ Thanh Nhân,Trần Văn Tấn - Impact of Duyen-Hai Wind Farms on Tra-Vinh Power Transmission Systems - Proceedings of 4th International Conference on Green Technology and Sustainable Development (GTSD), 2018

[2] Nguyễn Minh Hoà - Design a nonlinear model predictive control for coupled-tanks systems - Journal of science and technology/University of Da Nang, 2018

[3] Nguyễn Minh Hoà - Identification of coupled-tanks system with fuzzy model based on measurement data from simulation and experimental apparatus - Journal of Science and Technology, Da Nang University, 2018

[4] Nguyễn Minh Hoà - Development of Thermal Models for Predictive Control of Energy in Buildings - Journal of Science and Technology, Da Nang University, 2017

[5] Nguyễn Minh Hoà - Design of Sliding Mode Controller for Permanent Magnet Synchronous Generator-Based Standalone Wind Turbines - Journal of Science and Technology, Da Nang University, 2017

[6] Nguyễn Minh Hoà - Examining and Analyzing the Impact of Operating Factors of Air Conditioning Systems on Energy Used in Buildings - Journal of Science and Technology, Da Nang University, 2017

[7] Nguyễn Minh Hoà - Nonlinear Optimal Control of Wind Energy Conversion Systems With Incomplete State Information Using SD-DRE - Proc. of the IEEE 2016 Int. Conf. on Control, Decision and Information Technologies (CoDIT), 2016

[8] Nguyễn Minh Hoà - Nonlinear, optimal control of wind energy conversion systems using differential SDRE - IEEE Resilience Week (RWS) 2015, 2015

[9] Nguyễn Minh Hoà - Domestic microgrid energy management: Model Predictive Control strategies experimental validation - Proc. of 2015 IEEE 15th Int. Conf. on Int. Conf. on Environment and Electrical Engineering (EEEIC), Napoli, Italy, 2015

[10] Nguyễn Minh Hoà - Time Scale Analysis and Control for Model Predictive Control under Stochastic Environments - Proc. of the 7th Int. Symposium on Resilient Control Systems (ISRCS), Denver, Colorado , USA, 2014

[11] Nguyễn Minh Hoà - Fuzzy Adaptive Output Feedback Control Strategy for Standalone Wind Energy Conversion Systems - Proc. of 2014 IEEE Int. Conf. on Control and Automation (ICCA2014), Taichung, Taiwan, 2014

[12] Nguyễn Minh Hoà - Optimal Power Conversion for Standalone Wind Energy Conversion Systems using Fuzzy Adaptive Control - Springer, Lecture Notes in Electrical Engineering, Vol. 247, 2014, 2014

[13] Nguyễn Minh Hoà - Time Scale Analysis and Synthesis for Model Predictive Control - WSEAS Transaction on systems and control, 2014

[14] Nguyễn Minh Hoà - Evolution of Wind Turbine Control Systems - Encyclopedia of Life Support Systems (EOLSS), 2013

[15] Nguyễn Minh Hoà - Adaptive PID Control for Standalone Wind Energy Conversion Systems - Proc. of the 4th Int. Conf. Circuit, Systems, Control, Signal (CSCS'2013), Spain, 2013

[16] Nguyễn Minh Hoà - H∞ Optimal Filtering and Control of Wind Energy Conversion Systems - Proc. of the 2013 IEEE Int. Conf. on Electro/Information Technology (EIT2013), USA, 2013

[17] Nguyễn Minh Hoà - Direct Fuzzy Adaptive Control for Standalone Wind Energy Conversion Systems - Direct Fuzzy Adaptive Control for Standalone Wind Energy Conversion Systems, 2012

[18] Nguyễn Minh Hoà - Time Scale Analysis and Control of Wind Energy Conversion Systems - Proc. of the 5th Int. Symposium on Resilient Control Systems (ISRCS), Utah, USA, 2012

[19] Nguyễn Minh Hoà - Singular Perturbation Analysis and Synthesis of Wind Energy Conversion Systems under Stochastic Environments - Proc. of the 12th WSEAS Int. Conf. on Systems and Scientific Computation (ISTASC'12), Istanbul, Turkey, 2012

[20] Nguyễn Minh Hoà - Advanced Control Strategies for Wind Energy Systems: An Overview. - Proceedings of the 2011 IEEE PES Power Systems Conferences & Exposition (PSCE), Phoenix, AZ, USA., 2011

Applicant's Institution	Applicant
(Sign and write full name)	(Sign and write full name)