

Name	HUYNH Thanh Nhan		
Position	Lecturer		
Academic Career		<i>Institution</i>	<i>Year</i>
	Master Degree	Chungbuk National University, Korea	2005
	Undergraduate/Bachelor Degree	University of Science, VNUHCM	2001
Employment	<i>Position</i>	<i>Employer</i>	<i>Period</i>
	Lecturer	Faculty of Physics - Engineering Physics	2001-Present
Research and development projects over the past 5 years	<i>Name of project or research focus</i>	<i>Body funding</i>	<i>Role/ Period</i>
	Research the use of machine learning in determining material thickness through non-destructive testing methods	VNUHCM - C2022-18-05	2022-2024
	Study of using Machine Learning to determine components in material using non-destructive testing technique	VNUHCM - C2023-18-04	2023-2025
	Research development a model of the problem to optimize the application of nuclear techniques and related in real sample analysis	VL2023-18-01	Principal investigator 2023-2026
Industry collaborations over the past 5 years	<i>Project titles</i>		<i>Partners</i>
	None		None
Patents and proprietary rights	<i>Title</i>		<i>Year</i>
	None		None
Important publications over the last 5 years	<i>Selected recent publications from a total of approx.:</i> 1. Le Hoang Minh, Le Quang Vuong, Huynh Dinh Chuong, Huynh Thanh Nhan , Tran Thien Thanh, and Chau Van Tao, “Simulation for Rayleigh-Compton measurement system by using Monte Carlo method”		

	Can Tho University Journal of science, Vol 56 (Special issue on Natural Sciences) (1), 63-71 (2020) 2. Vo Hoang Nguyen, Huynh Dinh Chuong, Nguyen Duy Thong, Huynh Thanh Nhan, Nguyen Huu Bao, Lê Thi Thu Thao, Tran Thien Thanh, Chau Van Tao, “Method for quickly determining steel pipe thickness using gamma scattering technique” Sci. Tech. Dev. J. - Nat. Sci.; 5(4):1686-1693 (2021) 3. Duy Hoang DANG, Cuong Van Anh LE, Thuan Van NGUYEN, Long Quoc NGUYEN, Nhan Thanh HUYNH, "The Workflow of Ground Penetrating Radar Data Analysis Based on Maximum Energy Difference Steering" Inżynieria Mineralna - Journal of the Polish Mineral Engineering Society, Volume 1 No 1 (51), Pages 195–202 (2023) 4. Huynh Thanh Nhan, Le Hoang Minh, Vo Hoang Nguyen, Nguyen Duy Thong, Tran Thien Thanh, Chau Van Tao, “Estimation of Thickness Samples Using Gamma Scattering Techniques Based on Machine Learning Approach" IEEJ Transactions on Sensors and Micromachines, Volume 144, Issue 10, Pages 303-306 (2024) https://www.jstage.jst.go.jp/article/ieejsmas/144/10/144_303/_article		
Activities in specialist bodies over the last 5 years	<i>Organization</i>	<i>Role</i>	<i>Period</i>
	None	None	None
Website	https://phys.hcmus.edu.vn/		