

Name	LE Van Ngoc		
Position	Lecturer, Department of Applied Physics		
Academic Career		<i>Institution</i>	<i>Year</i>
	Doctoral degree	University of Science, VNUHCM	2010
	Master degree	University of Science, VNUHCM	2003
	Undergraduate/bachelor degree	University of Science, VNUHCM	1991
Employment	<i>Position</i>	<i>Employer</i>	<i>Period</i>
	Lecturer	Faculty of Physics - Engineering Physics	1993 - 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>
	Nghiên cứu và chế tạo để plasmonic có cấu trúc nano kim loại vàng cho ứng dụng trong quang phổ Raman tăng cường bề mặt.	ĐHQG-HCM	2024-2026
Industry collaborations over the past 5 years	<i>Project titles</i>		<i>Partners</i>
	Study the effect of crystal structure deformation on the thermoelectric properties of oxide materials		INOMAR
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.Vinh Trung Phan, Trang Thuy Phuong Do, Thanh Mai Ho, Dat Tan Nguyen, Binh Van Le, Anh Quynh Thi Le, Ngoc Van Le, Dat Thanh Huynh. Some structural, linear and nonlinear optical characteristics of single KDP crystals influenced by EDTA additive. Optical and Quantum Electronics volume 50, Article number: 429 (2018). 2.Tuan Anh Tran, Thanh Thuy Trinh, Truong Doan Viet, Le Van Ngoc, Huy Binh Do, Ngo Thi Thanh Giang, Sangho Kim, Duy Phong Pham, Junsin Yi and Vinh-Ai Dao. Effects of oxidation state on photovoltaic properties of reactively magnetron sputtered hole-selective		

	WO_x contacts in silicon heterojunction solar cells. Semiconductor Science and Technology, 2020, Volume 35, Number 4. 3.Vinh-Ai Dao, Thanh Thuy Trinh, Sangho Kim, Le Van Ngoc, Truong Doan Viet, Ngo Thi Thanh Giang, Dinh Loc Duong, Huong Thi Thanh Nguyen, Nguyen Dang Nam, Junsin Yi, Joondong Kim. Carrier transport mechanisms of reactively direct current magnetron sputtered tungsten oxide/n-type crystalline silicon heterojunction. Journal of Power Sources Volume 472, 1 October 2020, 228460. 4.Dung Van Hoang, Tu Anh Kieu Le, Anh Tuan Thanh Pham, Hanh KieuThi Ta, Ngoc Kim Pham, Truong Huu Nguyen, Hoa Thi Lai, Dai Cao Truong, Ngoc Van Le, Cong Thanh Huynh, Sunglae Cho, Hongjun Park, Shewan Song, Sunkyun Park, Takao Mori,Vinh Cao Tran, Thang Bach PhanThe roles of interstitial oxygen and phase compositions on the thermoelectric properties CuCr_{0.85}Mg_{0.15}O₂ delafossite material. Journal of Alloys and Compounds 867 (2021) 158995. 5.Anh Tuan Thanh Pham^{1,2,3}, Dai Cao Truong^{2,3}, Trang Thuy Thi Phan^{1,3}, Nhi Hoang Nguyen^{1,3}, Taekjib Choi⁴, Thu Bao Nguyen Le^{3,5}, Hoa Thi Lai^{2,3}, Ngoc Van Le^{3,6}, Thuy Dieu Thi Ung⁷, Vinh Cao Tran^{1,3}, Gerald Jeffrey Snyder,⁸ and Thang Bach Phan^{1,2,3}. Tailoring stress relaxation for dopant-free ZnO thin films with high thermoelectric power factor. Cite as: Appl. Phys. Lett. 124, 143901 (2024); doi: 10.1063/5.0198063 Submitted: 16 January 2024 . Accepted: 26 March 2024. Published Online: 5 April 2024.		
Activities in specialist bodies over the last 5 years	Organization	Role	Period
	High School For The Gifted, VNU-HCM	Vice-President	2018-2023
Website	https://phys.hcmus.edu.vn/		