



CONTACT INFORMATION

Name	LE MINH NHUT
Academic Position	Senior Lecturer
Academic Degree	PhD
Office	Department of Heat and Refrigeration Technology
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Fields of Expertise / Research Interests

Refrigeration and Air conditioning
 Combustion process
 Renewable energy
 Energy and sustainable development

Education Career

2003: Engineer Degree, major “Heat and Refrigeration Technology” in Danang University of Technology, Vietnam.

2006: Master Degree, major “Thermal Technology” in Ho Chi Minh City University of Technology

2014: Ph.D Degree, major “Mechanical Engineering” in Jeju National University, Jeju, Republic of Korea.

Publication

No	Project title/Field of research and application	Date of completion	Project level	Responsibility
1	A study on the solar energy using to improve the performance of heat pump system to supply the hot water for hotels of Ho Chi Minh City	2008	HCMUTE University distinguished project (Code: T63 -2007)	Director
2	Establishment of software program for calculating and design of the boiler in the industry	2007	HCMUTE University distinguished project (Code: T36-2007)	Director
3	Establishment of software program for calculating the consumptive energy of the absorption chiller H ₂ O/LiBr	2010	HCMUTE University distinguished project (Code: T2009-13)	Director
4	Designed, fabricated and tested heat pump water heater, using for hotels of South Vietnam	2010	HCMUTE University distinguished project (Code: T2009-14)	Director
5	Feasibility study on the application of the absorption chiller H ₂ O/LiBr to supply the hot water and cooling	2010	HCMUTE University distinguished project (Code: T2010-62)	Director

	water for the hotels of Ho Chi Minh City to reduce the consumption energy of these hotels			
6	The auxiliary apparatus integrated solar heating system with its own control and management schemes	2012	Korea Government of Ministry of Knowledge Economy (No. 2011-0012326)	Main member
7	Technology development for the demo-scale SNG synthesis	2013	Technology Innovation Program (No.2011T100200036, Technology development for the demo-scale SNG synthesis) funded by the Ministry of Knowledge Economy (MKE, Republic of Korea)	Main member
8	A study on the underground heat storage for solar heat pump system	2013	Korea Government of Ministry of Knowledge Economy (No.2011T100100709)	Main member

No	Publications	Author	Publisher	Publishing date
1.	Feasibility study on the application of absorption chiller to satisfy hot water and air conditioning demands for Park Hyatt Saigon Hotel	Le Minh Nhut Le Chi Hiep	<i>Thermal Science Technology Review, HaNoi, Vietnam</i>	2007
2.	A simulation model for predicting the performance of solar domestic hot water system	Le Minh Nhut Youn Cheol Park	<i>Advanced Materials Research</i>	2012
3	A study on automatic optimal operation of a pump for solar domestic hot water system	Le Minh Nhut Youn Cheol Park	<i>Solar Energy</i>	2013
4	Performance prediction of a solar hot water system with change of circulating pump efficiency in solar collectors	Youn Cheol Park Le Minh Nhut	<i>International Conference on Renewable Energies and Power Quality (ICREQ'13), Bilbao (Spain), 20-22 March, 2013.</i>	2013
5	A study on the underground heat storage for solar heat pump system	Wanbin Ko Youn Cheol Park Le Minh Nhut	<i>Proceeding of the SAREK Winter AnnualConference.</i>	2013
6	Filed tests of a solar heating system for a residential	Wanbin Ko	<i>Proceeding of the KSES 2014 Spring Annual</i>	2014

	house during winter season	Youn Cheol Park Le Minh Nhut	<i>Conference,50.</i>	
7	A solar heat pump system	Youn Cheol Park Le Minh Nhut	<i>Workshop on enhancement of practical applicability of solar energy utilization (Recent trends in research development, Jeju Island.</i>	2014
8	A study on an automatic solar heating system with an inverter collector pump	Le Minh Nhut Wanbin Ko Youn Cheol Park	<i>the 2nd International Conference on Green Technology and Sustainable Development, Oct. 30th, 2014.</i>	2014
9	Evaluating the effect of weather conditions on the solar fraction of solar assisted heating system	Le Minh Nhut	<i>Proceeding of the 4th national conference on mechanical science & Technology, Hochiminh city, November 06, 2015</i>	2015