

SCIENTIFIC CURRICULUM VITAE

1. Personal details

Full name	Nguyen Thi Hong Hanh	Birth date	March 1, 1982
Academic title	Assoc. PhD	Sex	Female
Administrative position	Head of department, Lecturer	ID Number	048
Department	Department of Chemistry, Faculty of Natural Resources and Environment (FONRE)		
Institution	Vietnam National University of Agriculture (VNUA)		
Address	Trau Quy, Gia Lam	City/prov	Hanoi
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2. Qualifications

No.	Years	Academic Institution	Major/specialty	Academic degree
1	2007-2011	Faculty of Chemistry, University of Natural Sciences, Vietnam National University, Hanoi	Chemistry/Organic chemistry	Doctor of Philosophy
2	2004-2006	Faculty of Chemistry, University of Natural Sciences, Vietnam National University, Hanoi	Chemistry/Organic chemistry	Master
3	1999-2003	Faculty of Chemistry, University of Natural Sciences, Vietnam National University, Hanoi	Chemistry/Environmental chemistry	Bachelor

3. Professional experience

No.	Years	Institution	Address	Position
1	2014 – now	Vietnam National University of Agriculture	Trau Quy, Gia Lam, Ha Noi	Head of Department, Lecturer
2	2007-2014	Vietnam National University of Agriculture	Trau Quy, Gia Lam, Ha Noi	Vice Head of Department, Lecturer
3	2003-2007	Vietnam National University of Agriculture	Trau Quy, Gia Lam, Ha Noi	Lecturer

4. Language (Rating: A-Poor/deficient; B - Fair; C – Sufficient; D – Fluent)

Language	Reading	Writing	Speaking	Certificate/degree
English	B	B	B	B2

5. Expertise and research interests

5.1 Main research orientation

- Environmental treatment materials
- Organic fertilizers, fertilizer additives
- Materials to keep moisture, recycle products from agricultural by-products
- Foods, cosmetics, cleaning products.

5.2 List of research projects

No.	Project name	Funding agency & amount	Project duration	Position in the project (manager, coordinator, secretary, researcher)
1	Research on conversion of Zeolite from fly ash	Vietnam National University of Agriculture	1-12/2012	secretary
2	Production of adsorbent from rice husks – Used to treatment livestock’s wastewater after biogas	Vietnam National University of Agriculture	1-12/2015	manager
3	Study the effect of drought on growth and accumulation of proline in collard green (<i>Brassica Juncea L. Czern</i>)	Vietnam National University of Agriculture	1-12/2016	manager
4	Research and manufacture MnO ₂ /Al ₂ O ₃ catalyst system using advanced oxidation and equipment system to treat C ₁₆ H ₁₈ CIN ₃ S methylene blue waste in textile dyeing industry wastewater	Ministry of Industry and Trade	1-12/2016	researcher
5	Research on manufactory the MnO ₂ /Al ₂ O ₃ catalysis for advance oxydation reaction to treatment textile wastewater	Vietnam National University of Agriculture	1-12/2018	researcher
6	A study on the procedure of extracting food dye Anthocyanin from Vietnam’s natural resources by chemical methods	Vietnam National University of Agriculture	1-12/2018	secretary
7	Perfecting the production process of vegetable powder products	Vietnam National University of Agriculture	8/2018-8/2020	manager

5.3 Publications and accomplishments

No.	Authors	Year	Title of papers/book	Name of publishers/No.Vol, page	ISSN/ISBN	IF	Notes
1	Article (s) in ISI-covered journal						
1.1							
1.2							
1.3							
2	Article in other international Journal						
2.1	Nguyen Thi Hong Hanh	2017	Synthesis of the Swelling Polymers based on Cellulose Grafted with Acrylic Monomers and Survey on Mustard Greens	International Journal of Agriculture Innovations and Research, Vol 6, No. 1, pp. 33-37	ISSN: 2319-1473	1.126	
2.2	Nguyen Thi Hong Hanh	2017	Research on phosphorylation of rice husk – used to keep moisturizer and provided nutrients for plants	Journal of Multidisciplinary Engineering Science and Technology, Vol 4, No 10, pp. 8340-8345	ISSN: 2458-9403	1.27	
2.3	Nguyen thi Thanh Mai, Le The Hoai, Nguyen Thi Hong Hanh	2020	Synthesis and evaluation of some chromone derivatives using microwave oven for antimicrobial activities	International Journal of Innovative and Applied Research, Vol 8, Issue 4, pp. 1-5	ISSN 2348-0319		
3	National/International Conference(s)						
3.1	Nguyen Thi Hong Hanh	2015	Production of adsorbent from rice husks – Used to treatment livestock's wastewater after biogas	Workshop on Sustainable Livestock Development, 2015, Vietnam Academy of Agriculture	ISBN: 978-604-924-204-5		

3.2							
3.3							
4	Article(s) in national scientific journal						
4.1	Tran Thi Nhu Mai, Nguyen Thi Hong Hanh	2008	Research of synthesising zeolite NaX additive from Vietnam's raw material – ues to regulate NPK fertilizer and improve soil for trees	Journal of Analytical Sciences, , No. 13, Vol. 4, pp. 42-46	ISSN: 0868-3224		
4.2	Tran Thi Nhu Mai, Nguyen Thi Hong Hanh	2009	Synthesis of swelling polymers from acrylic acid- survey the possibility of exchange of water and micronutrients	Journal of Chemistry and Application, No 7(91), pp. 41-44	ISSN: 1859-4069		
4.3	NguyenThi Hong Hanh, TranThi Nhu Mai	2010	Survey the water holding capacity of the swelling polymer synthesis based on acrylic acid and applications for some plants	Journal of Chemistry and Application, No 4, pp. 1-4	ISSN: 1859-4069		
4.4	Tran Thi Nhu Mai, Nguyen Thi Hong Hanh	2010	Research on preparing additive fertilizer based on zeolite NaX using silica from rice husks - applications to regulate micronutrients for maize	Journal of Chemistry, No.48(4A), pp. 130-134	ISSN: 0866-7144		
4.5	Nguyen Thi Hong Anh, Nguyen Van Cuong, Nguyen Thi Hong Hanh, Tran	2010	A Rapid and Accuracy HPLC Method for Quantitative Analysis of Doxorubicin in Plasma	Journal of Chemistry, No.48(4C), pp. 597-601	ISSN: 0866-7144		

	Thi Nhu Mai						
4.6	Nguyen The Hung, Pham Xuan Thuong, Nguyen Viet Long, Nguyen Van Loc, Nguyen Thi Hong Hanh	2013	Use of germinating organic bag and substrate to grow vegetables in Gia Lam, Ha Noi	Journal of Science and Development, Vol. 11(7), pp. 909-916	ISSN: 1859-0004		
4.7	Nguyen Thi Thanh Mai, Nguyen The Huu, Nguyen Thi Hong Hanh	2014	Comparing adsorption of Pb(II), Cd(II) ions in aqueous solution on the O-carboxymethyl chitin and crosslinked chitin with epichlorohydrin	Journal of Science and Technology, No. 20, pp. 41-43	ISSN: 1859-3585		
4.8	Nguyen Thi Hong Hanh, Nguyen Thi Lien, Nguyen Thi Thanh Mai	2015	Research on adsorption of acetic acid capacity on to adsorbent made from rice husks	Journal of Science and Technology, No. 28, pp.27- 31	ISSN: 1859-3585		
4.9	Nguyen Thi Hong Hanh	2017	Synthesis and characterization of the MnO ₂ /Al ₂ O ₃ catalyst applied to treatment organic dyes in waste water	Vietnam Journal of Agricultural Science, Vol. 15, No. 3, pp.390-397	ISSN: 1859-0004		
4.10	Tran Thanh Hai, Chu Thi Thanh, Nguyen Thi Hong Hanh, Pham Thi Nhu Quynh	2018	Study on treatment of textile dyeing waste water in Van Phuc village by combining flocculation and adsorption method	Science and technology journal of Agriculture and Rural Development, Vol 12, pp. 54-59	ISSN: 1859-4581		
4.11	Ngo Thi Thuong, Tran Thi	2021	Paper sheets made from sugarcane	Vietnam Journal of Agricultural	ISSN: 1859-0004		

	Thuy Dung, Chu Thi Thanh, Nguyen Thi Hong Hanh, Le Thi Thu Huong		bagasse and lemongrass by-product: Synthesis and properties	Science, Vol. 19, No. 7, pp.964-974			
5	Text book, lecture notes (published)						
5.1	Nguyen Thi Hong Hanh, Doan Thi Thuy Ai, Vu Thi Huyen, Nguyen Thi Hien, Le Thi Mai Linh		Practice and Exercises in Organic Chemistry	Agricultural Academy Publishing House	978-604-924-335-6		
5.2	Nguyen Thi Hong Hanh, Doan Thi Thuy Ai, Vu Thi Huyen, Nguyen Thi Hien, Le Thi Mai Linh		Organic Chemistry	Agricultural Academy Publishing House			
5.3	Nguyen Thi Hong Hanh, Le Thi Thu Huong, Ngo Thi Thuong, Han Thi Phuong Nga, Tran Thanh Hai, Nguyen Ngoc Kien		Practical and exercises in General Chemistry	Agricultural Academy Publishing House			
6	Others (Monographs, patents, scientific awards,..)						

Nguyễn Thị Hồng Hạnh