

SCIENTIFIC CURRICULUM VITAE



I. Personal Information

Name: **PHAM THI HA THANH**

Gender: Female

Date of birth: 1976

Place of birth: Lac Thuy District – Hoa Binh Province

Homeland: Thanh Kim Commune – Thach Thanh District – Thanh Hoa Province

Position: Party member

Degree: Doctor Year: 2012 Major: Inorganic Chemistry

Scientific title: Accreditation year:

Teaching subjects:

University Teaching Chemistry of non-metallic elements,
subjects: Chemistry of metallic elements,
Chemistry, Forging pedagogical skills,
Natural science topics in high school.

Postgraduate Teaching Solids Chemistry, Advanced Inorganic
Subjects: Biochemistry.

Research area: Inorganic chemistry, Materials chemistry.

Foreign Language: Chinses HSK3

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Thai Nguyen University.

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II. Qualifications

- 1998: B.Sc in Chemistry in Education, Viet Bac University of Education.
- 2002: M.Sc in Physical Chemistry, Ha Noi University of Education.
- 2012: Ph.D in Physical Chemistry, VNU - University of Science.

III. Scientific Publications

❖ Articles in national Journals

[1]. **Pham Thi Ha Thanh**, Nghiem Xuan Thung (2010). Bentonite: resources, processing technology and application in Vietnam. *Journal of Science and Technology (Thai Nguyen University)*, 65(3), 159-164.

[2]. **Pham Thi Ha Thanh**, Nghiem Xuan Thung, Le Thanh Son, Pham Trong Long, Nguyen Thi Ngoc Tu (2010). Surveying the preparation process of organic clays from bentonite (Prolabo) and dethyldioctadecylammonium chloride. *Journal of Science and Technology*, 48(2A), 951-956.

[3]. **Pham Thi Ha Thanh**, Nghiem Xuan Thung, Dinh Van Trung (2010). Research on fabrication of nanocomposite coating from epoxy resin and modified clay. *Journal of Analytical sciences*, 15(3), 212-215.

[4]. Nghiem Xuan Thung, Le Thanh Son, **Pham Thi Ha Thanh**, Nguyen Thi Ngoc Tu (2010). Surveying the preparation process of organic clays from bentonite (Binh Thuan) and dethyldioctadecylammonium chloride. *Journal of Chemistry*, 48(4A), 303-311.

[5]. Nghiem Xuan Thung, Le Thanh Son, **Pham Thi Ha Thanh**, Dinh Van Trung (2010). Research on fabrication of composite films from epoxy resin and Binh Thuan clay. *Journal of Chemistry*, 48(4A), 312-318.

[6]. **Pham Thi Ha Thanh**, Hoang Thi Lan, Vu Thi Giang (2011). Surveying the preparation of organic clays from bentonite (France) and cetyltrimethylamoni

bromide. *Journal of Science and Technology, Thai Nguyen University*, 80(4), 139-142.

[7]. **Pham Thi Ha Thanh**, Nghiem Xuan Thung, Nguyen Thi Ngoc Tu, Tu Duc Ha (2011). Preparation of organic clay from bentonite (Prolabo - France and Binh Thuan - Vietnam). *Journal of Chemistry*, 49(2ABC), 619-623.

[8]. **Pham Thi Ha Thanh**, Ngo Ke The, Nghiem Xuan Thung, Tran Thi Tu Ha (2011). Surveying the reinforcement capacity of organic clays from bentonite (Prolabo - France and Binh Thuan - Vietnam) to some properties. mechanics of epoxy coating. *Journal of Chemistry*, 49(2ABC), 613-618.

[9]. Nghiem Xuan Thung, Ngo Ke The, Phan Thi Hanh, **Pham Thi Ha Thanh** (2011). Preparation of diopside ceramics and research on the effect of Phu Tho talcum powder on the structure and properties of ceramics. *Journal of Chemistry*, 49(3A), 28-33.

[10]. **Pham Thi Ha Thanh**, Ngo Ke The, Nghiem Xuan Thung, Nguyen Thi Ngoc Tu (2011). Evaluation of the ability to fabricate organoclay from Binh Thuan bentonite. *Journal of Chemistry*, 49(3A), 133 -138.

[11]. **Pham Thi Ha Thanh**, Ngo Ke The, Nghiem Xuan Thung (2011). Surveying the preparation process of organic clay from bentonite in aqueous solution. *Journal of Chemistry*, 49(3A), 143-148.

[12]. Nghiem Xuan Thung, Nghiem Mai Phuong, **Pham Thi Ha Thanh**, Ngo Ke The (2012). Surveying the effects of Na₂O, B₂O₃, P₂O₅, CaF₂ on the formation of crystal ceramic crystal phase CaO-MgO-SiO₂ system. *Journal of Analytical sciences*, 17(2), 8-12.

[13]. **Pham Thi Ha Thanh**, Nghiem Xuan Thung, Ngo Ke The, Nguyen Thi Ngoc Tu (2012). Investigation of the possibility of organic clays prepared from prolabo bentonite (France) to some of the physical properties of polyester materials. *Journal of Science and Technology*, 50(3B), 1-7.

[14]. Nghiem Xuan Thung, **Pham Thi Ha Thanh**, Bui Hoang Hai, Vu Thi Mai Anh (2012). Study on the influence of MgO on the mechanical properties of glass ceramics of CaO-MgO-SiO₂ system. *Journal of Chemistry*, 50(5B), 233-236.

[15]. **Pham Thi Ha Thanh**, Nghiem Xuan Thung (2012). Surveying the possibility of organic clays prepared from Binh Thuan bentonite to some mechanical properties of polyester materials. *Journal of Chemistry*, 50(5B), 337-341.

[16]. **Pham Thi Ha Thanh**, Ngo Ke The, Nguyen Thi Ngoc Tu (2013). Research on the enhancement ability of some additives to the properties of natural rubber. *Journal of Chemistry*, 51(3AB), 159-163.

[17]. **Pham Thi Ha Thanh**, Ngo Ke The, Nghiem Xuan Thung, Nguyen Thi Ngoc Tu (2013). Study on strengthening ability of organic clay prepared from bentonite (France) with dethyldoctadecylamoni chloride to the properties of natural rubber. *Journal of Chemistry*, 51(3AB), 402-406.

[18]. Ngo Ke The, Nguyen The Minh, **Pham Thi Ha Thanh**, Nguyen Viet Dung, Nguyen Van Thuy, Nguyen Thi Ngoc Tu, Tran Thu Trang, Do Chi Linh (2013). Survey of corrosion resistance of magnetic organic clays Binh Thuan bentonite in ankyt coating by electrochemical total resistance. *Journal of Chemistry*, 51(6ABC), 234-238.

[19]. **Pham Thi Ha Thanh**, Nghiem Xuan Thung (2013). Investigation of strengthening ability of organic clays prepared from bentonite prolabo (France) and Binh Thuan (Vietnam) to some physical properties of polyester materials. *Journal of Chemistry*, 51(6ABC), 671-674.

[20]. **Pham Thi Ha Thanh** (2014). Research on the structure of organic clays prepared from bentonite (China) and tetradexyltrimetyl ammonium bromide. *Journal of Chemistry*, 52(5A), 265-269.

[21]. **Pham Thi Ha Thanh**, Nguyen Thi Thu Huong (2015). Surveying the preparation process of organic clays prepared from bentonite (China) and tetradecyltrimetyl ammonium bromide. *Journal of Analytical sciences*, 20(1), 53-58.

[22]. **Pham Thi Ha Thanh**, Ly Thi Them (2015). Surveying the preparation process of organic clays prepared from bentonite (China) and tetradecyltrimethyl ammonium bromide in aqueous solution. *Journal of Chemistry*, 53(3E12), 493-500.

[23]. **Pham Thi Ha Thanh**, Tran Anh Vu, La Manh Cuong (2015). Surveying the preparation process of organic clay prepared from bentonite (Thanh Hoa) and tetradecyltrimethyl ammonium bromide. *Journal of Analytical sciences*, 20(3), 338-343.

[24]. **Pham Thi Ha Thanh**, Bui Huy Quang, Le Thi Hoang Huong (2016). Study on the structure of organic clays prepared from bentonite (Thanh Hoa) and tetradecyltrimethyl ammonium bromide. *Journal of Analytical sciences*, 21(1), 131-137.

[25]. **Pham Thi Ha Thanh**, Hoang Tien Phuc (2016). Surveying the preparation of organic clays from bentonite (India) with methyltriphenyl phosphorus bromide and initial structural studies. *Journal of Chemistry*, 54(5E), 148-153.

[26]. **Pham Thi Ha Thanh**, Nguyen Thi Ha (2017). Surveying the preparation process of organic clays prepared from bentonite (India) with propyltriphenyl phosphorus bromide and initial structural studies. *Journal of Analytical sciences*, 22(2), 82-87.

[27]. **Pham Thi Ha Thanh**, Chu Thi Hoai Thu, Phan Thi Anh (2017). Surveying the preparation process of organic clay prepared from bentonite (Binh Thuan) with ethyltriphenyl phosphorus bromide and initial structural studies. *Journal of Analytical sciences*, 22(3), 80-85.

[28]. **Pham Thi Ha Thanh**, Vu Thi Hoang Anh (2017). Synthesis of organic clays from bentonite (Binh Thuan) with methyltriphenyl phosphorus bromide. *Journal of Chemistry*, 5e12(55), 188-192.

[29]. **Pham Thi Ha Thanh**, Nguyen Thi Giang Long (2017). Synthesis of organic clays from bentonite (Thanh Hoa) with ethyltriphenyl phosphorus bromide. *Journal of Analytical sciences*, 22(4), 121-126.

[30]. **Pham Thi Ha Thanh** (2018). Comparing the structure of organic clays synthesized from ethyltriphenyl phosphorus bromide with bentonite (India) and bentonite (Binh Thuan). *Journal of Analytical sciences*, 23(1), 100-106.

[31]. **Pham Thi Ha Thanh**, Nguyen Thi Thuy, Le Van Thuan, Nguyen Manh Cuong (2019). Surveying the preparation process of organic clay prepared from bentonite (India) with butyltriphenyl phosphorus bromide and initial structural research. *Journal of Analytical sciences*, 24(1), 169-174.

[32]. **Pham Thi Ha Thanh** (2019). Research on preparation and structure of organic clays from bentonite (Binh Thuan) with propyltriphenyl phosphorus bromide. *Journal of Chemistry*, 57(2e1,2), 90-94.

[33]. **Pham Thi Ha Thanh**, Vuong Thi Kim Yen (2020). Survey of methylene blue adsorption capacity of organic clays prepared from bentonite (India) with propyltriphenylphosphonium bromide. *Journal of Analytical sciences*. 25(1), 137-142.

[34]. **Pham Thi Ha Thanh**, Nguyen Thi Minh Hao (2020). Research on preparation and structure of organic clays from Chinese bentonite with cetyltrimethylammonium bromide. *Journal of Analytical sciences*, 25(2), 117-122.

[35]. **Pham Thi Ha Thanh**, Nguyen Manh Cuong (2020). Research on preparation and structure of organic clays from Binh Thuan bentonite with butyltriphenylphosphonium bromide. *Journal of Analytical sciences*, 25(2), 153-158

IV. Research Grants/ Projects

❖ University level

[1]. Investigate the process of preparing organic clays from bentonite and quaternary amino salts, initially exploring their application. Code: ĐH2011-04-11. Acceptance test in 2013 - ranked excellent.

[2]. Research on fabrication of adsorbent materials from bentonite (Thanh Hoa) and exploration of environmental treatment capabilities, Code ĐH2014-TN04-06. Acceptance test in 2017 - ranked satisfactory.

❖ **Grassroots level**

[1]. Synthesize, research the composition, structure and initially test the biological activity of complexes created by lantan (III) with picric acid, Thai Nguyen University of Education. Acceptance test in 2006 - ranked well.

[2]. Research on fabrication of organic clays from bentonite (India; Binh Thuan-Vietnam) with ethyltriphenylphosphoni bromide and exploration of environmental treatment capabilities. Code: CS2016-SP-11. Acceptance test in 2017 - ranked satisfactory

V. Published Books

[1]. Bui Duc Nguyen, Pham Thi Ha Thanh (2014), Inorganic Chemistry, Vietnam Education Publishing House, Published at Thai Nguyen Printing Joint Stock Company.

[2]. Bui Duc Nguyen, Nguyen Thi To Loan (editors), Nguyen Van Trung, Nguyen Thi Hien Lan, Pham Thi Ha Thanh (2018), Chemistry textbook of non-metallic elements, Thai Nguyen University Press.

VI. Supervisor (Master)

No	Name	Degree	Training organization	Guidance year	Graduation year
1	Nguyen Thi Thu Huong. Project: Research on preparation of organic clays from Chinese bentonite with tetradecyltrimethylamoni bromide and preliminary application exploration	Master	Thai Nguyen University	2013	2014
2	La Manh Cuong. Project: Research on preparation of	Master	Thai Nguyen University	2014	2015

	organic clays from bentonite (Thanh Hoa) with tetradecyltrimethylamoni bromide and initial exploration for application.				
3	Ly Thi Them. Project: Research on preparation of organic clays from Chinese bentonite with tetradecyltrimethylamoni bromide in aqueous environment and initial application exploration.	Master	Thai Nguyen University	2014	2015
4	Bui Huy Quang. Project: "Research on preparation of organic clays from Indian bentonite with methyltriphenylphotphoni bromide and initial exploration of application".	Master	Thai Nguyen University	2015	2016
5	Le Hoang Huong. Project: Research on preparation of organic clays from Indian bentonite with ethyltriphenylphotphoni bromide and initial exploration for application.	Master	Thai Nguyen University	2015	2016
6	Nguyen Thi Ha. Probject: Surveying the process of preparing organic clays prepared from bentonite (India) with propyltriphenyl phosphorus bromide and initial exploration and application.	Master	Thai Nguyen University	2016	2017
7	Chu Thi Hoai Thu.	Master	Thai Nguyen	2016	2017

	Project: Surveying the process of preparing organic clays prepared from bentonite (Binh Thuan) with ethyltriphenyl phosphorus bromide and initial exploration and application.		University		
8	Tran Anh Vu. Project: Surveying the preparation process of organic clay prepared from Indian bentonite with butyltriphenyl phosphoni bromide and initial exploration of the application.	Master	Thai Nguyen University	2017	2018
9	Chu Thi Hien. Project: Surveying the preparation process of organic clay prepared from bentonite (Binh Thuan) with ethyltriphenyl phosphorus bromide and initial exploration and application.	Master	Thai Nguyen University	2017	2018
10	Hoang Tien Phuc. Project: Research on the preparation of organic clays prepared from bentonite (India) with cetyltrimethylamoni bromide and investigating the adsorption capacity of methylene blue.	Master	Thai Nguyen University	2018	2019
11	Nguyen Thi Ben. Project: Research on the preparation of organic clays prepared from bentonite (Binh Thuan) with butyltriphenyl phosphoni bromide and the adsorption	Master	Thai Nguyen University	2018	2019

	capacity of methylene blue.				
12	Tran Thi Quynh Anh. Project: Research on the preparation of organic clays prepared from bentonite (India) with tetradecyltrimetyl ammonium bromide and investigation of phenol red adsorption capacity.	Master	Thai Nguyen University	2018	2019
13	Nguyen Thi Minh Hao. Project: Research on the preparation of organic clays prepared from Chinese bentonite with cetyltrimetyl ammonium bromide and the red phenol adsorption capacity.	Master	Thai Nguyen University	2019	2020
14	Le Thi Huong Project: Synthesize and study the structural characteristics and green methylene adsorption capacity of organic clay from Thanh Hoa bentonite with heptyltriphenyl phosphoni bromide.	Master	Thai Nguyen University	2019	2020
15	Vu Van Tu. Project: Synthesize, study structural characteristics and green methylene adsorption capacity of organic clay from Indian bentonite with sodium stearate.	Master	Thai Nguyen University	2019	2020
16	Mai Thi Ngoc Linh. Project: Synthesize and study the structural characteristics and red phenol adsorption capacity of organic clay from	Master	Thai Nguyen University	2019	2020

	Binh Thuan bentonite with tetraethyl orthosilicate.				
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VII. Honors and Awards

[1]. 2014: Certificate of Merit from the Ministry of Education and Training, (Decision No. 4761 / QD-BGDĐT, October 24, 2014). Excellent completion of school year tasks 2013-2014.

[2]. 2013: Certificate of Merit from the Director of Thai Nguyen University, (Decision No. /ĐHTN / /). Excellent completion of school year missions in 2012-2013.

[3]. Medal for education in 2015.

Thai Nguyen, September 16, 2020

PHAM THI HA THANH