

**CHU THI DUYEN**

Truc Dai Commune, Truc Ninh District, Nam Dinh Province

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Sex Female Date of birth 25 August 1996 Nationality Vietnamese

**EDUCATION BACKGROUND**

**FAST WORKER**

**TEAMWORK**

**PASSIONATE**

**QUALITIES**

*2014- 2018* (Expected) **Medicinal Chemistry- Analytical Chemistry, Chemistry Department, Hanoi University of Science, Vietnam National University (VNU)**

* Accumulated GPA: 3.37/4.0
* The “5-Good Students” title of Hanoi University of Sciences
* The scholarship in the budget of Hanoi University of Sciences
* English B1 Certificate of Vietnamese Standardised Test of English Proficiency in University of Languages & International Studies, VNU

**WORK EXPERIENCES**

*Jun, 2017 – Present*  **Legal Chemistry, Institute of Criminal Science, Ministry Public Security**

Practise and operate the X-ray Fluorescence spectrometer (XRF), the Infrared Radiation machine (IR), Gas Chromatography Mass Spectrometry system (GC/MS) and Ultra Performance Liquid Chromatography-tandem Mass Spectrometry (UPLC-MS/MS).

*July, 2016 – May, 2017* **Synthetic Chemical laboratory, Chemistry Department, Hanoi University of Science, VNU**

Practised, synthesized, separated compounds by column chromatography, thin layer chromatography.

**RESEARCH EXPERIENCES**

*Jun, 2017 – Present*  **Legal Chemistry Department, Institute of Criminal Science, Ministry Public Security**

Student Reaseacher; Mentor: Assoc. Prof. Dr. SLTC. Vu Cong Sau

Rubber analysis by XRF technique and IR technique used for Criminal Science

* Used IR to identify the characteristic wavelengths of each type of rubber.
* Used XRF to determine the composition of each type of rubber.
* Used the results obtained to compare the assessment.

*July, 2016 – May, 2017* **Synthetic Chemical laboratory, Chemistry Department, Hanoi University of Science, VNU**

Student Reaseacher; Mentor: Assoc. Prof. Dr. Le Tuan Anh

The synthesis of bis(naphtalen-2-yl)-4-oxopiperidinoaza-14-crown-4-ether

The purpose of the research is successful synthesis and refinement of 1,5- bis- (1-formyl-2-naphthoxo) -3-oxapentane by the synthesis of 2-hydroxy-1 naphthaldehyde towards synthenics of the dinaphthaleneazacrown derivative containing heterocyclic nitrogen by the multicomponent condensation reaction. Results were evaluated by IR spectra, 1H-NMR and MS spectra.

**EXTRACURRICULAR ACTIVITIES**

* Member of the volunteer club - University of Natural Sciences.
* Joined the Tet festival in Peace 2014, Tet in Yen Bai 2015, Mid-Autumn Festival programs 2014-2017, Donation programs.
* Volunteer tour guide HUS Open Day 2016.
* Volunteer for Blood donation day Youth Day 2016 .

**SKILLS**

* Fluent in XRF, IR, GC/MS, UPLC-MS/MS, column chromatography and thin layer chromatography.
* Able to read and understand English.
* Ability to work in teams.
* Hardworking, industrious, high responsibility.

**RRFERENCES**

1. **Assoc. Prof. Dr. SLTC. Vu Cong Sau,**

Vice-director, Senior Lieutenant Colonel

*Legal Chemistry Department,*

*Institute of Criminal Science,*

*99 Nguyen Tuan, Hanoi, Vietnam.*

Associate Professor in Chemistry,

*The People’s Police Academy,*

*Co Nhue 2, Bac Tu Liem, Hanoi, Vietnam.*

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1. **Assoc. Prof. Dr. Le Tuan Anh**

Vice-director

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*Vietnam National University, Hanoi*

*Room 703, VNU Headquarter,*

*144 Xuan Thuy, Cau Giay, Hanoi, Vietnam.*

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