

Faculty Vitae

1. Name
<ul style="list-style-type: none">- Full name: NGUYEN DINH PHUC- Full-time
2. Education
<ul style="list-style-type: none">- Master: Chemical Engineering<ul style="list-style-type: none">• Major: Petrochemical• University of Technology – Viet Nam National University HCMC• Year of completion: 2013- Engineer: Chemical Engineering<ul style="list-style-type: none">• Major: Chemical Technology• University of Technology – Viet Nam National University HCMC• Year of completion: 2010
3. Academic experience
<ul style="list-style-type: none">- Nguyen Tat Thanh University- Address: 331 National Highway 1A, An Phu Dong Ward, District 12, Ho Chi Minh City- Faculty: Environmental and Food Engineering- Position:<ul style="list-style-type: none">• Lecture• Head of Chemical Engineering Department- Years of experience: from 2011 – present.
4. Non-academic experience
<ul style="list-style-type: none">- 2016-2020 : Technical Advisor – Aota International Joint Stock Company- From 2020 - up to now: Technical advisor - Retexchem Co., Ltd.
5. Certifications or professional registrations
<ul style="list-style-type: none">- Certificate of Achievement IELTS 6.0- Certificate of Achievement has successfully completed the Predoctoral Training Program- Pedagogical certificate issued in February 10, 2019 by Hanoi Pedagogical University 2- Certificate of completion Senior Entrepreneurship Training 2017 in Vietnam for Sustainable Economic Growth.
6. Membership in professional organizations
<ul style="list-style-type: none">- Vietnamese Chemical Association.- Bach Khoa Alumni Community (BKA)
7. Honors and awards
<ul style="list-style-type: none">- Emulative soldier at the grassroots level in 2012 – 2013- Emulative soldier at the grassroots level in 2013 – 2014- Emulative soldier at the grassroots level in 2014 – 2015- Emulative soldier at the grassroots level in 2015 – 2016- Emulative soldier at the grassroots level in 2017 – 2018- Emulative soldier at the grassroots level in 2018 – 2019- Emulative soldier at the grassroots level in 2019 – 2020- Certificate of Merit For many achievements contributing to the formation and development of the University in 20 years (June 5, 1999-June 5, 2019) by the President of the University Nguyen Tat Thanh: Decision No. 298 /QD-NTT on May 31, 2019
8. Service activities
<ul style="list-style-type: none">- Teaching: General Chemistry, Thermodynamic, Matlabs, Autocads, Organic Chemistry,...- Scientific research: Guidelines for scientific research;
9. Areas of research

- Separation and purification technology
- Process & equipment
- Simulation

10. Publications, presentations, creative works

International journals:

- **Nguyen Dinh Phuc**, Le Hoang Phuong Thy, Duy Trinh Nguyen, Tri Duc Lam, Vo Hoang Yen, Nguyen Thi Ngoc Lan, “Extraction of Jasmine essential oil by hydrodistillation method and applications on formulation of natural facial cleansers”, IOP Conference Series: Materials Science and Engineering (ISSN:1757-8981), Vol 542, 2019.
- **Nguyen Dinh Phuc**, Luong Minh Thanh, Long Giang Bach, Tri Duc Lam, "Deodorization of calophyllum inophyllum oil using steam distillation method", IOP Conference Series: Materials Science and Engineering (ISSN:1757-8981), Vol 542, 2019.
- **Nguyen Dinh Phuc**, Le Duc Trung, Vo Le Nhut Thien, Ngo Thi Cam Quyen, Duy Trinh Nguyen, Tri Duc Lam, Nguyen Thi Ngoc Lan, Le Tien Dung, “Extraction of coffee oil using soxhlet process and applications on formulation of scented gel”, Key Engineering Materials (ISSN:1013-9826).
- **Nguyen Dinh Phuc**, Mai Thị Thuỳ Linh, Phạm Quốc Thang “The extraction of rosemary essential oil by microwave-assisted hydrodistillation method”, IOP Conference Series: Materials Science and Engineering (ISSN:1757-8981), 2020.
- **Phuc Nguyen Dinh**, Huong Dang Thi Cam, Phạm Quốc Thang “Comparison of essential oil extracted from black pepper by using various distillation methods in laboratory scale”, IOP Conference Series: Materials Science and Engineering (ISSN:1757-8981), 2020
- **D N Do**, D P Nguyen, H D Pham, T A Trieu and X C Luu. Influence of oil phase, surfactant on nano-emulsion based on essential oil from orange using phase inversion temperature method. IOP Conference Series: Materials Science and Engineering. Vol 991 (2020) 012043
- T T Anh, N H Bao Ngoc, N D Phuc, **D D Nhat**, P H Danh and L G Bach .Essential oil from Amomum Longiligulare T.L. Wu cultivated in Ninh Thuan province, Vietnam. IOP Conference Series: Materials Science and Engineering. Vol 991 (2020) 012113
- T T K Ngan, T T Hien, N T C Quyen, P N Q Anh, L T H Nhan, M H Cang, **D D Nhat**, N D Phuc and L G Bach. Application of coconut oil from Ben Tre Province (Vietnam) as the main detergent for body wash products. IOP Conference Series: Materials Science and Engineering. Vol 959 (2020) 012025
- **Dinh Nhat Do**, Dinh Phuc Nguyen , Viet-Duc Phung , Xuan-Tien Le , Tuan Minh Le , Van Manh Do, Bui Quang Minh and Xuan Cuong Luu. Fractionating of Lemongrass (Cymbopogon citratus) Essential Oil by Vacuum Fractional Distillation. Processes 2021, 9(4), 593.

Domestic journals:

- **Nguyen Dinh Phuc**, Nguyen Thi Ngoc Lan, Phạm Quốc Thang “Using the steam distillation to extract the black pepper essential oil”, Vietnam Trade and industry review (ISSN:0866-7756), Vol 15, 2020.
- Nguyen Thi Ngoc Lan, **Nguyen Dinh Phuc** “Extracting the rosemary essential oil by using the steam distillation”, Vietnam Trade and industry review (ISSN:0866-7756), Vol 21, 2020.

11. Professional development activities

- Participate in scientific research projects at all levels:
 - 1 Project financed by The Vingroup Innovation Foundation (VINIF)
 - 3 Projects financed by the Ministry of Industry and Trade
 - 4 Grassroots-level Research Projects
- Participating in reports on scientific research topics in domestic and foreign scientific conferences.

12. Teaching competence

- Complete the teaching tasks embracing the prescribed number of obligatory credit hours, publishing scientific research, invigilating examinations, and improving teaching methods to promote interest and enthusiasm amongst students.
- Engage in the development of curriculum and course syllabus according to Outcomes-Based Education (OBE) Framework.
- Guide and counsel students in implementing graduation thesis.