



NGO MINH TRI

CHEMICAL TECHNOLOGY ENGINEERING

Male



[Redacted Email Address]



[Redacted Phone Number]

La Xuan Oai street, Tang Nhon Phu A ward, Thu Duc city, Ho Chi Minh city

SKILLS

Communication ● ● ● ● ●

Problem – solving ● ● ● ● ●

Data analysis ● ● ● ● ●

Leadership ● ● ● ● ●

IT SKILLS

– Proficient user of Microsoft Office software.

– Be able to use chemical analysis software such as Chemdraw, MestReNova, Origin, Auto CAD.

– Ability to use media softwares such as Adobe Premiere, Photoshop, Illustrator.

LANGUAGE

English TOEIC 570 (Nov 2023)

REFERENCE

Assoc. Prof. Dr. Nguyen Vinh Tien

Lecturer at University of Technology and Education

Email: [Redacted Email Address]

ACTIVITIES

(Sep 2020 – Mar 2024)

Collaborator of Media and Event Board

(Sep 2021 – Jun 2022)

Member of the Executive Committee of Youth Union

EDUCATION

HCMC UNIVERSITY OF TECHNOLOGY AND EDUCATION

Major: Organic Chemistry GPA: 7.43/10 (Sep 2020 – Sep 2024)

EXPERIENCE

FACULTY OF CHEMICAL AND FOOD TECHNOLOGY

STUDENT

Graduation thesis “Lignin acetylation and nanoparticles preparation applied in sunscreen”. (Dec 2023 – Aug 2024)

– Applying FT-IR, ¹H-NMR and antioxidant activity – DPPH (by UV-vis) to determine the lignin structure formulation before and after acetylation.

– Research and preparation of nanoparticles from a number of different methods and determination of nanoparticle size by DLS measurement method.

– Synthesis of sunscreen preparations containing lignin and acetyl lignin nanoparticles.

Design of “Condenser Project”. (Jan 2023 – Jun 2023)

– Research and design of condenser for continuous distillation of through-hole trays for distillation of acetone – water at normal pressure.

HCMC UNIVERSITY OF TECHNOLOGY AND EDUCATION

Leader of Science research project Grading: Good

Topic: Research some essential oils that have the ability to repel flies (*Musca domestica* L.). (Feb 2023 – Nov 2023)

– Research explores the groups of compounds in essential oils that affect neurons in house flies (*Musca domestica* L.).

– Preparation and comparison of the activity of seven essential oils with anti-acetone solvent on house flies (*Musca domestica* L.).

BINH AN TEXCO

INTERNSHIP

(Jul 2023 – Sep 2023)

– Observing and learning about the pre-treatment process in textile industry.