



PERSONAL INFORMATION

Name: Yihun Wasie Anteneh
Sex: Male
Date of Birth: January 9, 1995
Place of Birth: Dembecha, Ethiopia
Marital Status: Single
Nationality: Ethiopian
Health Status: Normal

PROFILE

I am an energetic, ambitious, and open-minded person who enjoys working with others. I am graduated with BSc. degree in Chemical Engineering and MSc. degree in process engineering from Adama Science and Technology University, Ethiopia. Currently, I am serving as a lecturer at Wollega University. I have a good experience in doing researches, and solving social and economic problems.

CONTACT

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YIHUN WASIE ANTENEH

Chemical Engineering Department

EDUCATION

2021 – 2022, **Adama Science and Technology University (ASTU)**

MSc. degree in process engineering

Thesis title: “Encapsulation of urea into a bio-based adhesive to control its dissolution rate in water and improving its degradation rate in soil”

CGPA of **3.85** with **excellent** thesis evaluation result.

2015 – 2020, **Adama Science and Technology University (ASTU)**

BSc. degree in chemical Engineering

Project title: “Development of smart fertilizer for efficient delivery of nitrogen to the plants” CGPA of **3.81**.

WORK EXPERIENCE

June 30, 2023 – present **Lecturer** at Wollega University (WU)
Shambu, Ethiopia

January 12, 2021 – October 30, 2022 **Academic and Research Assistant** at Adama Science and Technology University (ASTU)
Adama, Ethiopia

- Collecting qualitative and quantitative data with rigorous methodology.
- Assisting students struggling with the material, improving understanding and academic performance.
- Directing high-level research by collaborating with students and colleagues.
- Coordinating laboratory experiments for students to test in-class theories.
- Keep laboratories safe, tidy and clean,
- Conduct other duties assigned by school program etc.

AWARDS

Full Funding for MSc in Process Engineering, Adama Science and Technology University (ASTU) The award is due to my outstanding academic performance during the BSc degree in the same department.

CERTIFICATIONS

- ✓ Certificate from **General Assembly of Ethiopian Society of Chemical Engineers** for the best academic performance among graduating class of 2020 from department of Chemical engineering.
- ✓ Certificate from **Adama science and technology university SOMCME** for outstanding achievement in being a third place winner of school level best final year project competition December 19/2020.
- ✓ Certificate from **Adama science and technology university science and technology club** for the recognition of active participation in science and technology club as a member of the club in the academic year of 2019/2020
- ✓ Certificate from ASU by completing Master Class for Teaching Online May 26,2024

PUBLICATIONS

1. “ Lactic acid oligomer grafted gum acacia encapsulated controlled release nitrogen fertilizer for crops improvements and greener soil sustainability ” (published in South African Journal of Chemical Engineering)
2. “Encapsulation of Urea into a Bio-Based Adhesive to Improve its Degradation Rate in Soil and studying its release mechanism” (in progress in Journal of Environmental Quality Management)

Participation on UTOPIA ORGANIC FERTILIZER PRODUCTION PLC

My participation in this project includes,

- ✓ sharing valuable idea to the founders from the start
- ✓ study and providing scientific data's related to the project
- ✓ comparing the investigated results with previously reported results and add my own idea to improve its quality

Plans to be done improve the project

- ✓ Use all my potential in working on improving the project
- ✓ Evaluate the quality and all the progress of the project every day
- ✓ Identify the problems that may happen in the progress and prepare solutions.

The role of the project on our country's agricultural sector and economy

Here are some of the roles of the project on our country's agricultural sector and economy:

- ✓ Reducing bankruptcy by reducing the amount of fertilizers imported from a neighboring country with a high cost
- ✓ Reducing the farmers fertilizer costs by providing quality fertilizer
- ✓ Creating jobs for peoples

REFERENCES

1. **Mr. Hunegnaw Bayle** (MSc),
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