



# Weldesemat Negasi Teklay

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## EDUCATION

### Ph.D. in Energy Science and Technology

Aug 2020 – Present

Myongji University (South Korea)

### BSc. In Chemical Engineering

Sep 2014 – Jul 2019

Mekelle Institute Technology, Mekelle University (Tigray)

## EXPERIENCE

### Environmental Waste Recycle Institute (EWRI), Department of Energy Science & Technology (DEST), MJU

Aug 2020 – Present

Graduate Researcher

- Focusing on the development of stimuli-responsive (smart) materials and recovery of precious metals.

### Almeda Textile PLC. (ALTEX)

Sep 2017 – Jan 2018

Internship

## SKILLS

- Simulation Tools: Aspen Plus, MATLAB, Simulink, ChemDraw 2D/3D;
- Diagramming Tools: Edraw Max;
- Analysis Tools: Origin, MestReNova, Excel;
- Language: Programming C

## MEMBERSHIP

- The Institute of Chemical Engineers (IChemE)
- Korean Institute of Chemical Engineers (KICHE)
- The Korean Electrochemical Society (KECS)
- Korean Society of Environmental Engineers (KSEE)

## RESEARCH INTERESTS

- Chemical Engineering, Electrochemical Engineering, Material Science, Smart Materials, Metal Recovery

## REFERENCES

References available upon request.