Gelgelo Askale Kula

BIOTECHNOLOGY GRADUATE

Addis Ababa, Ethiopia | gelgeloaskale7@gmail.com
linkedin.com/in/gelgelo-askale-kula-206271352

Biotechnology graduate whose academic path also includes theology and Christian counseling. My experience connects laboratory learning, collaborative scientific projects and digital service. I seek graduate study that deepens careful experimental practice and practical biotechnology research.

EDUCATION

Bachelor of Science in Biotechnology

Addis Ababa Science and Technology University, Ethiopia | Graduated 25 June 2026

CGPA: **3.62**. Coursework includes microbiology, industrial biotechnology, genetics, molecular biology, biochemistry, bioinformatics and omics.

Bachelor of Theology

Peace for World Theology College | Certificate date: April 21/2015 E.C. (as printed)

Master of Arts in Christian Counseling

Holistic Bible College | August 2025

EXPERIENCE AND COLLABORATIVE WORK

Quality Control Officer

Glocare Pharma Manufacturing PLC | Addis Ababa, Ethiopia

Pharmaceutical quality-control role building on my biotechnology education and laboratory learning.

Clinical internship

International Clinical Laboratories | Addis Ababa, Ethiopia

Supervised laboratory learning involving sample processing, PCR and data analysis with laboratory specialists and mentors.

College digital learning initiative

Peace for the World Theology and Mission College

Helped lead digital communication and marketing work, collaborating with software colleagues on an online-learning website and mobile application.

Co-founder and project coordination

Nisr Software Solution

Co-founded the initiative with Amanuel Yosef. Coordinated developers on mobile and web projects, logistics proposals and feature planning in Hawassa; contributed to Nisr Market marketing and product discussions.

LEADERSHIP AND SERVICE

As a class representative, communicated classmates' concerns to the department. In team projects, my contribution includes collaboration, coordination and delegation.

ACADEMIC RECOGNITION

AASTU President's Award - first semester 2023/24; semester GPA **3.97**; issued 24 April 2024.
AASTU President's Award - first semester 2024/25; semester GPA **3.9**; issued 24 May 2025.

Selected academic projects

TEAM WORK, PRACTICAL QUESTIONS AND RESEARCH INTERESTS

Student experiments, proposals and literature assignments, each undertaken as a shared team effort.

Natural glucose gel formulation

Integrated Science Team Project, AASTU | Submitted 4 April 2025

Worked with an eight-person team exploring a glucose, chia, liquid and electrolyte formulation. Our report describes formulation choices and preliminary physical and sensory observations.

Liquid organic fertilizer concept

Production and distribution proposal | Four-person team

Contributed to a proposal connecting organic-waste fermentation, quality assessment and local distribution for smallholder agriculture, with a potential process and intended users.

Water-sample BOD analysis

Environmental Biotechnology, AASTU | Submitted 26 November 2025

Participated in a seven-member laboratory exercise comparing dissolved-oxygen measurements at different water dilutions. Our report examines an unexpected result and possible reading or calculation errors.

Veterinary vaccines in livestock production

Animal Biotechnology group assignment | Submitted 2 November 2025

Contributed to a five-person literature assignment on conventional and newer veterinary vaccines, including DIVA and genetically engineered platforms, in livestock production.

Gene regulation in multicellular systems

Introduction to Omics Science, AASTU | Submitted 17 December 2025

Contributed to a five-person conceptual assignment on gene regulatory networks, single-cell and spatial omics, and computational modeling, including the need for experimental validation.

Mushroom: Organic, Mysteries and Golden Food

2025 Food Systems Innovation Challenge | Nature-based Solutions edition

Member of the team selected to represent Wollo University, recognized through a Certificate of Selection. My contribution involved collaboration with teammates and delegation across the project.

ENTREPRENEURSHIP PARTICIPATION

Hult Prize 2026 Ethiopia National Competition - participated as a startup member, documented by the competition participation certificate.

FURTHER LEARNING AND INTERESTS

Course completion: Tech for Everyone, Sololearn, 13 December 2023; e-SHE short courses, 27 October 2024.
Graduate interests: microbiology, fungal biotechnology, bioprocessing, and careful evaluation of food and agricultural applications.