



Mebratu A. Gebeyehu

Position: Lecturer

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Education:

- ✓ M.Sc. in Electromechanical Engineering, at Bahir Dar Institute of Technology, Bahr Dar University, Bahir Dar, Ethiopia
- ✓ B.Sc. in Mechanical Engineering, at Debre Tabor University, Debre Tabor, Ethiopia

Courses:

- ✓ Control System, Introduction to Mechatronics, Fluid Power system (Pneumatics and hydraulics), Engineering Mechanics II (Dynamics), Engineering Thermodynamics II, Regulation and control and Automotive maintenance.

Research:

✓

Professional Experience:

- ✓ Lecturer at BiT, Bahir Dar University from Feb 2025- present
- ✓ Lecturer at Woldia University from Mar 2023 – Feb 2025
- ✓ Assistant Lecturer at Woldia University from Mar 2019 – Oct 2020
- ✓ Junior Mechanization Engineer from Jul 2018 – Mar 2019 on Agricultural machinery maintenance at Amhara regional National Bureau of Agriculture, Bahir Dar, Ethiopia

Research Interests:

- ✓ Autonomous Systems, Robotics, Soft Robotics, Mechatronics System Design
- ✓ Design and control of robotic systems for agriculture, manufacturing, and service industries

Honors & Awards:

- ✓ Certificate of Merit: Ranked 3rd in the Mechanical Engineering department at Debre Tabor University.

- ✓ Training in Practical Technology of Small Agricultural Machinery: Sponsored by the Ministry of Commerce of China and awarded by Yuan Longping High-tech Agriculture Co., Ltd. in 2018.

Publications:

- ✓ Innovative Automation in Injera Production: Design and Performance of a Relay-Based Control System: Link: <httpsonlinelibrary.wiley.com/doi/10.1155/je/8035397>