

Bahir Dar Institute of Technology

Faculty of Mechanical and Industrial Engineering

Seminar Presentation on Friday, February 14, 2025 at 2:00 PM**Seminar title: Tractive Performance of Tractive Devices of Two Wheeled Tractors in Dry field Conditions: A Review****SHORT BIOGRAPHY OF PRESENTER****Contact Address:****gs.samuelg@gmail.com**

Mr. Samuel Getachew Chekol is a lecturer in the Faculty of Mechanical and Industrial Engineering. He completed his Masters study in Mechanical Engineering with specialization in Manufacturing Engineering in Bahir Dar Institute of Technology in 2020. Since 2023, he has been serving the faculty as an assistant registrar. Mr. Samuel strives to be a skilled professional in metal fabrication and be a researcher in the same.

He has always been motivated in finding solutions to community problems focused in the theme of Agricultural Mechanization Engineering. For this reason, he joined Bahir Dar Poly Technic Institute to acquire skills of metal fabrication and completed level III GMFA trainings, and most recently has gotten certified for Metal Inert Gas (MIG) welding process for fillet welding.

By now, Mr. Samuel has rendered several professional community services and is working on the transfer of agricultural machines, to mention some, wheel hand hoe, manual vegetable transplanter, onion planter and maize thresher for small holding farmers and Solar Injera Drier.

In parallel to these, Mr. Samuel is engaged in researches. He has published two peer reviewed book chapters. He has keen interest in doing researches focused on materials and metallurgy and the application of machine learning techniques in these fields. He is interested to do researches, community services and technology transfer projects in collaboration with staffs.