

Bahir Dar Institute of Technology

Faculty of Mechanical and Industrial Engineering

Seminar Presentation on Friday, March 14, 2025 at 2:00 PM**Seminar title: Ethiopian Calendar****SHORT BIOGRAPHY OF PRESENTER****Contact address:****ssefa1960@gmail.com or
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Dr. Assefa Asmare Tsegaw is an Associate Professor of Manufacturing Engineering and Chair of the Manufacturing Engineering Stream at Bahir Dar University, Ethiopia. He has over 33 years of experience in the field of manufacturing engineering, with a specialization in Precision manufacturing and Metrology.

Dr. Assefa received a Ph.D. in Precision Manufacturing and Metrology from the National Taiwan University of Science and Technology in 2014 and an M.Sc. in Quality, Safety, and Environment from the Otto-von-Guericke University of Magdeburg in 2005. He received his Bachelor's Degree in Mechanical Engineering from Bahir Dar

Energizing Faculty in 2002. He is also a certified consultant by profession.

Dr. Assefa Asmare is a pioneer in launching the post-graduate studies program at this institute and faculty in 2000EC. He has advised more than 42 Master's students and 6 Ph. D. students advising and co-advising.

Dr. Assefa Asmare's research interests include Ultra-Precision Manufacturing, Quantum Metrology and Advanced Optical Metrology, Advanced Materials and Manufacturing Processes, Artificial Intelligence and Machine Learning In CAM, Digital Manufacturing and Industry 4.0., Additive Manufacturing, Virtual Machining and Manufacturing. He is an active researcher and has published numerous articles in peer-reviewed journals.

In addition to his teaching and research activities, Dr. Assefa Asmare is also involved in some professional activities. He is a consultant and trainer on precision manufacturing, virtual machining, process optimization, and industrial safety management. He is also a member of several professional societies.