

## BIOGRAPHY

Mrs. Soe Thandar, born on July 2, 1996, in Patheingyi township, Myanmar, began her educational journey in High School, where she successfully passed her matriculation examination in 2012 with four distinctions out of six subjects. She went on to pursue a bachelor's degree in Civil Engineering at Technological University (Patheingyi), graduating in November 2018 with an excellent GPAX of 4.8 out of 6.0.

Following her undergraduate studies, Mrs. Thandar began her postgraduate journey as a Master of Geotechnical Engineering Candidate at Yangon Technological University from June 2019 to January 2021. Her passion for the field led her to further her education abroad, and in December 2022, she began a Master of Civil, Transportation and Geo-resources Engineering at Suranaree University of Technology, Thailand, supported by the Vithedbundit Scholarship.

During her master's studies at Suranaree University of Technology, she has served as a Research and Teaching Assistant, gaining practical experience in consolidation analysis using PLAXIS, slope stability analysis, and soil stabilization research. Concurrently, she has amassed three years of experience as a Founder for the Geotechnical Engineering Knowledge Centre, teaching basic and advanced soil mechanics to over 460 professionals, candidates, and students from around the world.

Her research efforts resulted in the publication of a paper in the Case Studies in Construction Materials journal, titled "Strength and Microstructural Evaluation of Sustainable Geopolymer Mortars using Calcium Carbonate Sludge and Fly Ash as Precursors." She also presented her work at the Geomate Conference in November 2024. With a strong educational foundation, a passion for geotechnical engineering, and a commitment to research and teaching, she aspires to pursue a Ph.D. and become a professional engineer who contributes significantly to society.