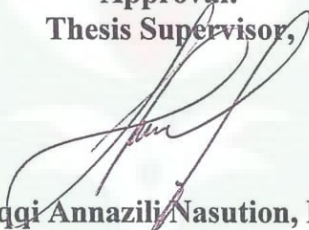


Thesis:

**Development of E-Module Based on Higher Order Thinking Skills (HOTS)
Integrated with Discovery Learning for Thermochemistry Material**

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Study Program : Bilingual Chemistry Education
Department : Chemistry

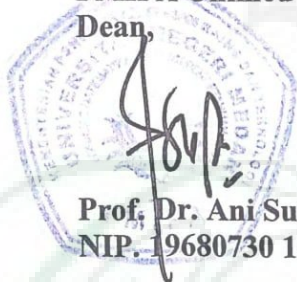
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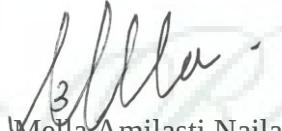
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BIOGRAPHY



Mella Amilasti Naila, the author of the undergraduate thesis entitled “Development of an E-Module Based on Higher Order Thinking Skills (HOTS) Integrated with Discovery Learning for Thermochemistry Material,” was born in Tebing Tinggi on August 5, 2004, as the daughter of Mr. Sukirno, S.E., and Mrs. Mulyana Sita Dewi. She completed her primary education at SD Swasta Qurrata A'yun (2010–2016), her junior secondary education at SMP Negeri 4 Tebing Tinggi (2016–2019), and her senior secondary education at SMA Negeri 1 Tebing Tinggi (2019–2022). In 2022, she pursued her undergraduate studies in the Bilingual Chemistry Education Study Program at Universitas Negeri Medan and successfully graduated in 2026. During her academic journey, she received several scholarships, including the SMART Scholarship by YBM Brilliant (2022–2023), the Tebing Tinggi Municipal Government Scholarship (2023–2025), and the Glow & Lovely Bintang Beasiswa 9 Partial Program (2025–2026). In the field of academics and competitions, she has been actively involved in scientific publications, including research on the use of the Indonesian language at SMAN 5 Medan, an analysis of national insight in the era of globalization in 2024, and the development of the FUN_COLLOID platform in 2025. She achieved 1st Place at the national level in English in the Kompetisi Nasional Sains Indonesia (KNSI) 2023 and won two Gold Medals (A+ distinction) in Indonesian and English at the Independence Creation Olympiad 2023. She was also recognized as the 10th Best Speaker at Hello Newbie X by HMJ BSI FBS UNIMED in 2024 and won 1st Place at Hello Newbie XII by HMJ BSI FBS UNIMED in 2026. Her professional and organizational experiences include serving as a committee member for the 11th AISTSSE International Seminar at FMIPA UNIMED, acting as Secretary 1 of the UNIMED Community Service Program (KKN) in Desa Pon, and completing her teaching practicum through PLP 1 at SMAN 5 Medan and PLP 2 at SMAN 2 Medan.

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