

UNIVERSITAS NEGERI
MEDAN

THESIS

THE DEVELOPMENT OF EXPERIMENT STUDENT WORKSHEET
BASED ON GUIDED INQUIRY ASSISTED BY PHET SIMULATION
IN WORK AND ENERGY TOPIC

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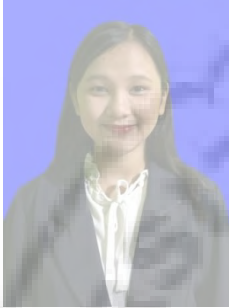
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BIOGRAPHY



Meliana Ecclesia Manurung, the author of a thesis entitled *The Development of Experiment Student Worksheet Based on Guided Inquiry Assisted by PhET Simulaion on Work and Energy Topic*, was born in Batam on January 3, 2000. The author is the 2nd child (out of 4 children) of a couple Alm. Drs. Jonson Manurung (Father) and Nurmawati Rumapea (Mother). The author started formal education at SDS Theresia Batam in 2005 and graduated in 2011. After elementary school, the author continued her studies at SMP Negeri 11 Batam and graduated in 2014. High school education, majoring in IPA, was taken for 3 years from 2014 to 2017 at SMA Negeri 5 Batam. In 2017, through the SBMPTN pathway, the author was accepted as a student in the Physics Education Study Program, Department of Physics, Faculty of Mathematics and Natural Sciences, State University of Medan. The author participated in the PKM competition (Program Kreatifitas Mahasiswa) 2020 that conducted by KEMDIKBUD and BELMAWA until the funding stage.

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