

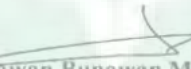
UNIVERSITAS NEGERI MEDAN

THESIS

THE IDENTIFICATION OF STUDENTS' MISCONCEPTION  
USING THREE TIER MULTIPLE CHOICE DIAGNOSTIC  
TEST (MCD) ASSISTED BY GOOGLE FORM ON  
HEAT AND TEMPERATURE MATERIAL

Name : Nova Vebriana Sagala  
ID : 4173322001  
Study Program : Bilingual Physics Education  
Department : Physics


Approval By:  
Thesis Supervisor,

  
Dr. Wawan Bunawan, M.Pd., M.Si.  
NIP. 19681205 199303 1 001

Acknowledge:

Physics Department  
Head,

Bilingual Program  
Coordinator,

  
Dr. Wawan Bunawan, M.Pd., M.Si.  
NIP. 19681205 199303 1 001

  
Dr. Ely Djulia, M.Pd  
NIP. 19660724 199103 2 012

Fakultas MIPA Unimed  
Dean

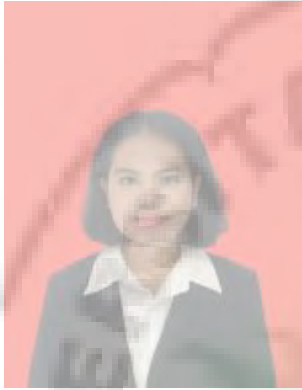
  
Prof. Dr. Fauziyah Harahap, M.Si  
NIP. 19660728 199103 2 002

Graduate Date: 22<sup>nd</sup> July 2021

UNIVERSITY

Charles Building

## BIOGRAPHY



Nova Vebriana Sagala was born in Siarungarung on August, 21<sup>st</sup> 1999. Father's name is Linton Sagala and mother's name is Rasita Tondang. Nova is the second child from four siblings. In 2011, Nova graduated from SD Negeri 033916 Siarungarung. In 2014, Nova graduated from SMP Negeri 1 Parbuluan. Nova continued her education in SMA Negeri 1 Parbuluan and graduated in 2017. In 2017, Nova accepted in State University of Medan, Mathematics and Natural Science Faculty, Department of Physics, Bilingual Education Study Program.

UNIMED  
UNIMED  
UNIMED

THE  
*Character Building*  
UNIVERSITY