THESIS

THE EFFECT OF PROBLEM BASED LEARNING MODEL ASSISTED BY SIMULATION DEMONSTRATION ON STUDENTS' HIGHER ORDER THINKING SKILLS OF OPTICAL TOOLS TOPICS

Name	: Princess Ika Berliana Aritonang
ID	: 4173121040
Study Program	: Bilingual Physics Education
Department	: Physics

Approved By:
Thesis Supervisor,

Prof. Drs. Motlan, M.Sc., Ph.D
NIP. 19590805 198601 1 001

Acknowledge:

Physics Department Head,	Bilingual Program Coordinator,
Dr. Wawan Bunawan, M.Pd .,M.Si	Dr. Ely Djulia, M.Pd
NIP. 19681205 199303 1 001	NIP. 19660724 199103 2 012

Fakultas MIPA UNIMED
Dean,

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

Graduate Date: 29th July 2021