



UNIVERSITAS NEGERI MEDAN

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

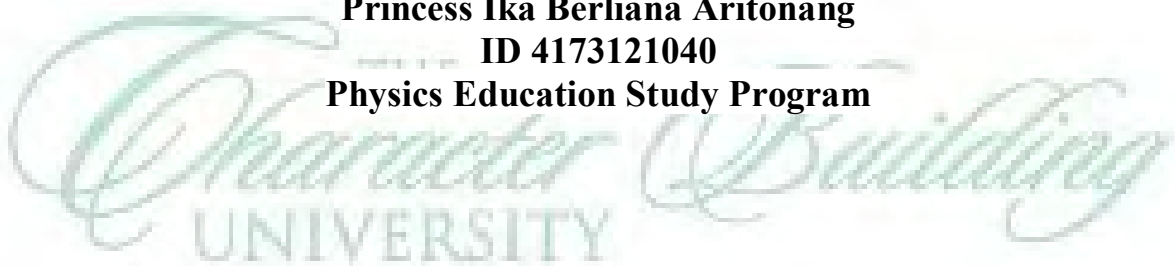
THESIS

Submitted to Acquire Eligible of Sarjana Pendidikan

Princess Ika Berliana Aritonang

ID 4173121040

Physics Education Study Program



**PHYSICS DEPARTMENT
FACULTY OF MATHEMATICS AND NATURAL SCIENCE
MEDAN
2021**