

Title of Thesis : The Effect Of Cooperative Learning Model Student Teams Achievement Divisions (STAD) type On Students Learning Outcomes In Topic Harmonic Vibration In Class X SMAN 1 Tanjung Morawa A.Y 2017/2018

Name : Henny Sihombing
ID Number : 4143322010
Study Program : Bilingual Physics Education
Department : Physics

Approved By:
Thesis Supervisor

Dr. Alkhafi Maas Siregar, M.Si
NIP. 19690127 199412 1 001

Acknowledged By:

Head of Physics Department,

Coordinator of Bilingual Program,

Dr. Alkhafi Maas Siregar, M.Si
NIP. 19690127 199412 1 001

Dr. Iis Siti Jahro, M.Si
NIP. 196510 5 199203 2 003

EMIPA UNIMED
Dean,
Dr. Martina Restuati, M.Si
NIP. 19630321 198803 2 002

Date of Graduation: July, 25th 2018

