APPROVAL SHEET

Tittle of thesis : The Effect of Cooperative Learning Model using Sparkol Videoscribe Toward Student Learning Outcome Physics Name : Dia Indriani Br. Sembiring **ID** Number : 41433220008 Study program : Bilingual Physics Education Department : Physics Approved by Prof. Dr. Nurdin Bukit, M.Si NIP. 19640418 199003 1003 **Coordinator of Bilingual** Head of Physics Department, Program Dr. Alkhafi Maas Siregar, M.Si NIP . 19690127 199412 1 001 Dr. Iis Sit Jahro, M.Si NIP. 19651015 199203 2 005 EMIPA UNIVIED Dean, Dr. Martina Restuari, M.Si NIP, 19630321 198803 2 002 Date of Graduation : August, 08th 2018

Character Building

BIOGRAPHY

Dia Indriani Br Sembiring was born in Binjai on June 21th, 1997. Father's name is Sedia Sembiring and Mother's name is Suharsinah, and she is the second of three siblings. In 2002, the author entered SD Negeri 023894 South Binjai and graduated in 2008. In 2008, the author continued his education in SMP Negeri 1 Binjai and graduated in 2011. In 2011, the author continued his education in SMA Negeri 2 Binjai and graduated in 2014. In 2014, the authors was accepted in Bilingual Physics Education Studies Program in Department of Physics, Faculty of Mathematics and Sciences in State University of Medan.