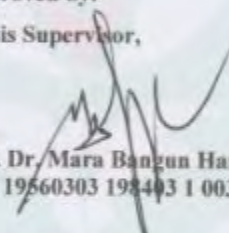


Title of Thesis : The Effect of Cooperative Learning Model Group
Investigation on Student's Learning Conceptual
Academic Knowledge in Dynamic Electricity in Class X
SMA Negeri 1 Salak A.Y2014/2015


Name : Mia Manik
ID Number : 4113322006
Study Program : Physics Bilingual Education
Department : Physics

Approved by:
Thesis Supervisor,

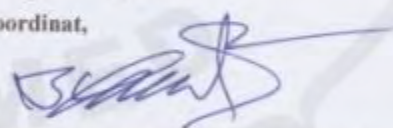

Prof. Dr. Mara Bangun Harahap, M.S
NIP. 19560303 198403 1 003

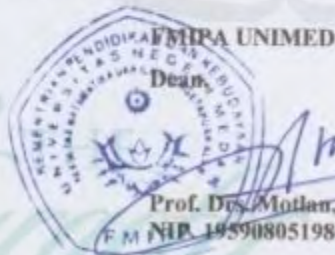
Acknowledge by:

Physics Department
Header,


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

Bilingual Program
Coordinat,


Prof. Dr. rer. nat. Binari Manurung, M.Si.
NIP. 19640404 198903 1 006



Thesis Defense on June 25th, 2015