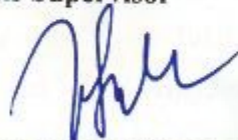


Title Thesis : **The Development of e-Worksheet on Chemical Bonding Topic Integrated Problem Based Learning (PBL)**
Name : **Nadia Elisabet Manullang**
ID Number : **4163332006**
Study Program : **Bilingual Chemistry Education**
Department : **Chemistry**

Approved By,
Thesis Supervisor



Dr. Zainuddin Muchtar, M.Si
NIP. 196703171992031004

Acknowledged By :

Chemistry Department
Head,



Dr. Ayi Darmana, M.Si
NIP. 196608071990101001

Bilingual Program
Coordinator,



Dr. Iis Siti Jahro, M.Si
NIP. 196510151992032003



Graduate Date : January 29th 2020