

**Title of Thesis : Improvement of Student Learning Activity and Learning Outcomes by Using Problem-Based Learning Model on Human Reproductive System Topic in Grade XI IPA 4 at SMAN 2 Soposurung Balige Academic Years 2015/2016**

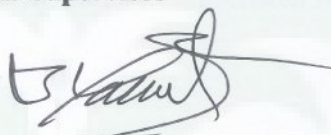
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**Department : Biology**

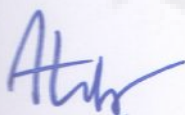
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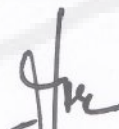
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Ruben Eko Saputra Siregar was born in Pekanbaru on September 15<sup>th</sup> 1994. Writer is the first son of N. K. Siregar and Pdt. R. br Pasaribu, S.Th. In 2000, the writer started his first educational experience in SD Yayasan Perguruan Andreas Medan and finished in 2006. The writer continued his study in SMP Yayasan Perguruan Kristen Kalam Kudus Medan in 2006 and graduated in 2009. Next, the writer continued his study in SMA Yayasan Perguruan Kristen Kalam Kudus Medan in 2009 and graduated in 2012. The writer was registered in Biology Bilingual Education Program, Biology Department, Faculty of Mathematics and Natural Science, Universitas Negeri Medan in 2012. During his study in university, the writer is a member of UKMKP (Unit Kegiatan Mahasiswa Kristen Protestan) and IKBKB (Ikatan Keluarga Besar Kristen Biologi).

