

**Title of Thesis** : The Implementation of Contextual Teaching And Learning Using Concept Map on The Teaching Acid Base Topic

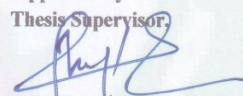
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**Department** : Chemistry

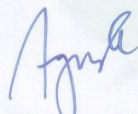
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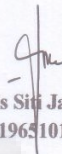
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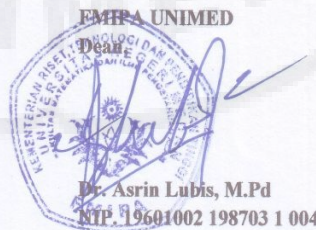


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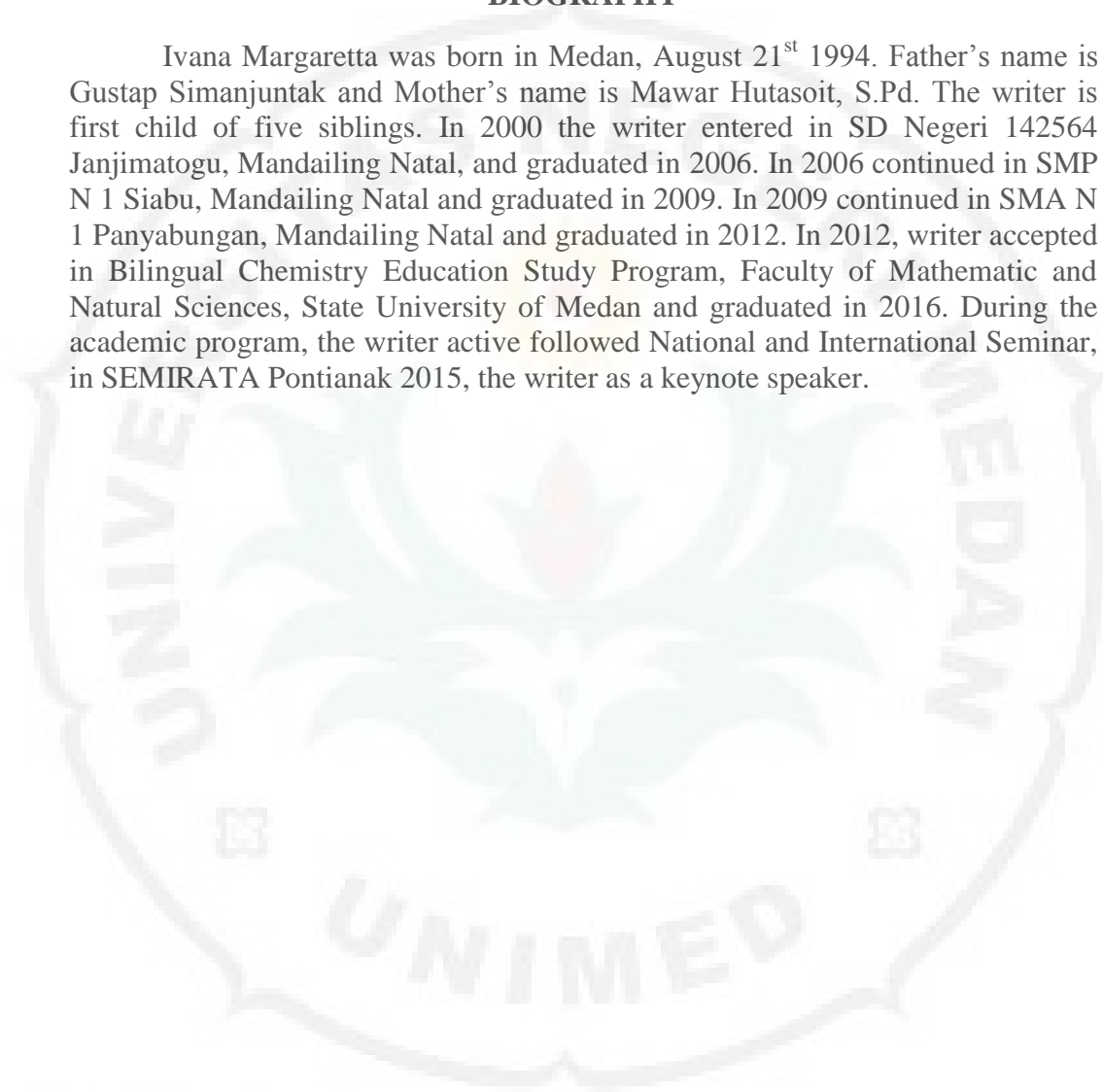


**Examination Date : June ,23<sup>rd</sup> 2016**

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## BIOGRAPHY

Ivana Margareta was born in Medan, August 21<sup>st</sup> 1994. Father's name is Gustap Simanjuntak and Mother's name is Mawar Hutasoit, S.Pd. The writer is first child of five siblings. In 2000 the writer entered in SD Negeri 142564 Janjimatogu, Mandailing Natal, and graduated in 2006. In 2006 continued in SMP N 1 Siabu, Mandailing Natal and graduated in 2009. In 2009 continued in SMA N 1 Panyabungan, Mandailing Natal and graduated in 2012. In 2012, writer accepted in Bilingual Chemistry Education Study Program, Faculty of Mathematic and Natural Sciences, State University of Medan and graduated in 2016. During the academic program, the writer active followed National and International Seminar, in SEMIRATA Pontianak 2015, the writer as a keynote speaker.



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