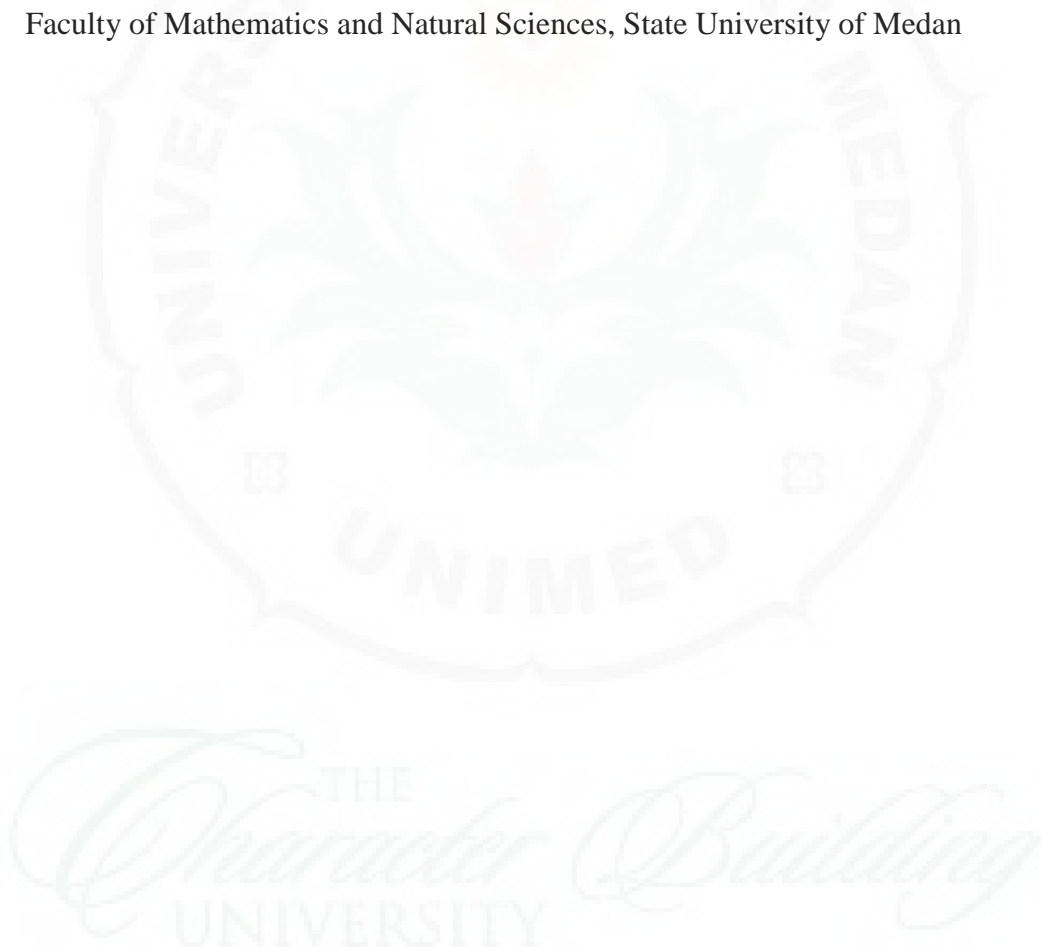


## **BIOGRAPHY**

Titi Indra Lestariwas born in Dumai on Agust 03<sup>rd</sup> 1998. The father named Sumanto and mother named Wan Nora. The author is the first child of three siblings. In 2004, the author began her formal education at SD Negeri 004 Dumai and graduated in 2010. In 2010, the author continued her education in SMP Negeri 1 Dumai and graduated in 2013. In 2013, the author continued her education at SMA Negeri 2 Dumai and graduated in 2016. In 2016, the author was accepted into Bilingual Chemistry Study Program, Department of Chemistry, Faculty of Mathematics and Natural Sciences, State University of Medan



## **The Difference Of TGT Cooperative Learning Model With Index Match Cards And Make A Match On Student's Motivation And Learning Achievement**

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### **ABSTRACT**

This research was aimed to know the difference student motivation taught by the TGT cooperative learning model with index cards match compared to the TGT cooperative learning model with make a match on redox material, To know the difference student learning achievement taught by the TGT cooperative learning model with index cards match compared to the TGT cooperative learning model with make a match on redox material, knowing the significance of correlation between student's motivation and learning achievement. This research conducted by a quasi-experimental method. The population in this research was all students of class X SMA N 2 Precut Sei Tuan. The samples were selected and divided into 2 classes as many as 68 students. In the first experiment class using the model cooperative type TGT with index card match and the second experiment class using the model cooperative type TGT with make a match. Data were analyzed using statistical analysis. The results showed that: (1) There are significant differences in student motivation taught using the TGT cooperative learning model with index card match and make a match; (2) There are significant differences in learning achievement that is taught using the TGT cooperative learning model with index card match and make a match; (3) There is a significant correlation between student motivation and student achievement.

**Keywords:** *Model TGT, Index Match Cards, Make A Match, Learning Achievement.*

