## **BIOGRAPHY**

Zullaiha Dyah Permata was born in Langsa on July 14<sup>th</sup> 1996. Father's name is Miselan and Mother's name is Wan Rosda Nelly, S.Pd. The author entered SDN 3 Langsa and graduated in 2008. In 2008, the author continued her education in SMP N 3 Langsa and graduated in 2011. In 2011, the author continued her education to SMA N 1 Langsa and graduated in 2014. In 2014, the author was accepted in Physics Education Study Program in Department of Physics, Faculty of Mathematics and Natural Sciences in State University of Medan.

