

## BIOGRAPHY

Harizal was born on 03<sup>rd</sup> February 1990 in Tanjung Tiram, Batu Bara. His mother's name is Asmah Anwar and his father's name is Nurdin. The writer is the second child of five brothers. In 1996 the writer entered the Elementary School in SDN 010163 Tanjung Tiram and graduated in 2002. In 2002 the writer continued his study in SMP Negeri 1 Talawi and graduated in 2005. In 2005 the writer continued his study to SMA Negeri 1 Talawi and graduated in 2008. In 2008 the writer was accepted in Chemistry Department, Bilingual Chemistry Education study program, Mathematics and Natural Sciences Faculty, State University of Medan. During the time of college, the writer actively followed some intracurricular and extracurricular activities e.g. HMJ (Himpunan Mahasiswa Jurusan) Kimia and FORSIMKA (Forum Silaturahmi Muslim Kimia). The writer was one of the winners of PKM-GT (Program Kreativitas Mahasiswa-Gagasan Tertulis) in 2010, and Student Grant in 2012. The writer was also active in National Seminar and Training.