ABSTRACT

Syifa Salsabila. 2018. ***Student Self Regulation Improvement Through Web-Oriented Project Based Learning Model on Virus Concept in Pasundan 2 High School Bandung.*** *Advisor I* Prof. Dr. H. Toto Sutarto G.U, M.Pd.. *Advisor II* Fitri Aryanti, S.T, M.Pd

This study aims to determine whether there is an increase in student self regulations through a web-oriented project based learning model on the concept of viruses in SMA Pasundan 2 Bandung. The method used in this study is the Pre-Experimental method. This method is why it is said to be a pre-experimental method because this experiment is not really because there are still external variables that influence the formation of the dependent variable. Data analysis techniques used are normality test, homogeneity test, N-Gain test, and correlation analysis techniques with the help of SPSS 21.0 for Windows program. Based on the results of data analysis of research that has been done, it can be concluded that there is an increase in self regulation or students' self-control ability. This increase is influenced by the treatment given, namely the learning process using the PPA model. This is evidenced by the increase in student learning outcomes at the time before being given treatment (pretest) and after being given treatment (posttest). Student learning outcomes increase after using the ability of self-control and the application of project-based learning learning model, can be seen from the results of the N-gain 0.51 test which is classified as moderate criteria.

Keywords: *Self Regulation, Web-Oriented Project Based Learning Model, Virus*