

**Rinaldi Fuari. (2018). IMPLEMENTATION OF DISCOVERY LEARNING MODELS ON THE ABILITY OF STUDENTS 'SCIENCE LITERATION IN BIOLOGICAL LEARNING. Under the guidance of Dr. H. Uus Toharudin, M.Pd. and Ida Yuyu Nurul Hizqiyah, M.Si.**

### ***ABSTRACT***

*This research is motivated by the low student learning outcomes, which is indicated by the value still below the KKM ( $\leq 75$ ). Based on these problems, this study aims to improve student learning outcomes on the concept of environmental pollution. The method is quasi experiment. Discovery Learning learning model. The design is quantitative descriptive. The research sample was students of class X IPA II Puragabaya High School Bandung as an experimental class and class X IPA I Puragabaya High School Bandung as a control class. The sampling technique was purposive sampling. Data collection used objective test as many as 25 questions, which were given during pretest and posttest. The results of data analysis showed that the pretest score had an average of 5.35 and the posttest score had an average value of 7.53. The results of data analysis showed that the Discovery Learning learning model can improve student learning outcomes in the concept of Environmental Pollution.*

*Keywords: Discovery Learning Models, quasi-experimental, Quantitative Descriptive Research Design, Concept of Environmental Pollution.*