

## **ABSTRACT**

ALFIRA EKA PUTRI 2024. *The Impact of Learning Cycle 9E Model Assisted with Learning Video Media on Students Critical Thinking Ability (Experimental Study in Class XI MIPA MAN 2 Ciamis Academic Year 2023/2024)*. Thesis, Department of Biology Education, Faculty of Teacher Training and Education, Siliwangi University.

*This study aims to determine the impact of Learning Cycle 9E model assisted by Learning Video Media on Students Critical Thinking Ability in the Excretory System material in class XI MIPA MAN 2 Ciamis academic year 2023/2024. The research method used is quasi experimental design with a posttest only control group design. The population in this study was all 4 classes of class XI MIPA MAN 2 Ciamis, totaling 143 students. The research samples used in the research were 2 classes, namely XI MIPA 1 as an experimental class with 35 students and XI MIPA 2 as a control class with 36 students. The sampling technique is random sampling technique. The data collection technique is in the form of a test describing students' critical thinking abilities, which consists of 11 questions. The instrument used to test critical thinking skills on the human excretory system material. Hypothesis testing using the independent t-test, the results of the analysis show that  $H_0$  is rejected with a significant value of  $0.000 < 0.05$ . So it can be concluded that there is an influence of the Learning Cycle 9E learning model assisted by learning video media on students' critical thinking abilities in class*

**Keywords** ; *Learning Cycle 9E, Learning Video, Critical Thinking, Excretory System*