

ABSTRACT

Vina Nur Amalina 2019, **Implementation of *E-learning* Based Edmodo to Improve Motivation to Learn and the Learning Outcomes of Students on the Concepts of Motion System.** One supervisor: Prof. Dr. H. Toto Sutarto Gani Utari, M. Pd. and Supervising two: Dr. rer. nat. Ama Rustama.

This research aims to find out if the media *e-learning* based edmodo can increase the motivation to learn and the learning outcomes of students on the concepts of motion system. The research on the subject of Class XI of sciences 3 at SMAN 2 Lembang, which serve as a sample is a student as much as 35 people using *purposive sampling*. The research method used was *pre-experimental* research designs with *one group pretest – posttest design*. Parameters measured is the motivation to learn and the learning outcomes of students. Research instrument used to test student learning outcomes in the form of reserved 20-question multiple choice. Of research results obtained average value of pretest of 31.14 and posttest average 79.57 with value N-highest Gain of 0.93 and the lowest value of N-Gain of 0.09, this indicates that the results of the student learning experience increased after learning using learning media *e-learning* based edmodo. Student response about the motivation of learning by using media *e-learning* based edmodo earn an average of 76% with good criteria. Thus it can be concluded that the motivation of learning and student learning outcomes can be improved by using the learning media *e-learning* based edmodo.

Keywords: Learning Motivations, Learning Outcomes, Media *e-learning* based edmodo.