ABSTRACT

NURUL CHANDRA WASKITANINGTYAS. Analysis of Student's Motivation of XI Grade through the Combination of *Flipped Classroom*-Peer Tutor Model on Material Buffer Solution. **Thesis**. Jakarta: Chemistry Education Study Program, Faculty of Mathematics and Natural Sciences, State University of Jakarta. August 2021.

Online learning is the only solution to overcome the effects of the COVID-19 pandemic in education with all the limitations faced by teachers and students. On the other hand, students feel less motivated in learning during the pandemic. It is because of the learning activities carried out are not cooperative and the lack of interaction between students. This study aims to determine the motivation of XI grade students towards the buffer solution material through the application of a combination of the flipped classroom-peer tutor model at SMAN 51 Jakarta. This study used descriptive quantitative research with survey method. The subject in this research is 36 of XI MIPA 1 students. The results showed that the majority of students (55,55% of 36 students) have motivation towards the buffer solution material in the high category through the combination of the flipped classroom-peer tutor model. It can be concluded that the motivation of students towards the buffer solution material in class XI can be built through the combination of the flipped classroom-peer tutor model.

Keywords: *Online Learning, Motivation, Buffer Solution, Flipped Classroom, Peer Tutoring*