

## ABSTRAK

Nurul Mamelya Harahap: **Pengaruh Model Pembelajaran *Problem Based Learning* (PBL) Berbantuan Media *Prezi* dan Motivasi Terhadap Hasil belajar Siswa Pada Materi Koloid.** Tesis. Medan: Program Studi Pendidikan Kimia, Pascasarjana Universitas Negeri Medan, 2018.

Penelitian ini bertujuan untuk mengetahui: 1) pengaruh antara model pembelajaran PBL berbantuan media *prezi* dengan model Pembelajaran DI berbantuan media *prezi* terhadap hasil belajar siswa; 2) pengaruh hasil belajar siswa yang dibelajarkan dengan model pembelajaran PBL berbantuan media *prezi* dengan model pembelajaran DI berbantuan media *prezi* pada tingkat motivasi belajar siswa; 3) interaksi antara model pembelajaran PBL berbantuan media *prezi* dengan tingkat motivasi terhadap hasil belajar siswa; dan 4) hubungan antara motivasi belajar dengan hasil belajar. Populasi dalam penelitian ini adalah semua siswa kelas XI semester II. Sampel penelitian ini adalah siswa kelas XI IPA yang terdiri dari sebelas kelas, kelas XI IPA1 sampai dengan XI IPA11. Dari total kelas XI yang ada akan diambil masing-masing dua kelas dimana satu kelas untuk kelas eksperimen I (Model PBL berbantuan media *Prezi*), dan satu kelas untuk kontrol (Model PBL berbantuan media *Prezi*) yang masing-masing kelas berjumlah 30 siswa. Instrumen penelitian berupa tes objektif hasil belajar yang valid dan reliable serta angket motivasi. Teknik analisis yang digunakan teknik *Two Way Anova* dan uji *Correlation* pada program SPSS 24. Hasil penelitian disimpulkan bahwa: 1) Terdapat pengaruh hasil belajar melalui pembelajaran PBL berbantuan media *Prezi* dan model DI berbantuan media *Prezi*; 2) Terdapat pengaruh hasil belajar melalui pembelajaran PBL berbantuan media *Prezi* dan model DI berbantuan media *Prezi* pada tingkat motivasi tinggi dan rendah ( $p = 0,000 < 0,05$ ); 3) Terdapat Interaksi antara kedua model pembelajaran dengan tingkat motivasi dalam mempengaruhi hasil belajar ( $p = 0,000 < 0,05$ ); dan 4) Terdapat hubungan antara motivasi belajar dengan hasil belajar ( $p = 0,000 < 0,05$ ).

Kata Kunci : *Problem Based Learning* (PBL), media *prezi*, Motivasi, Hasil Belajar, koloid.

## ABSTRACT

Nurul Mamelya Harahap: **The Effect of Model *Problem Based Learning* Assisted by Media *Prezi* And Motivation On Student Learning Outcomes In Colloid Topic**. Thesis. Medan : Study Program of Chemistry, Graduate University of Medan, 2018.

This study aims to determine: 1) the influence between PBL learning models assisted by media *prezi* with DI Learning model assisted by *prezi* media on student learning outcomes; 2) the effect of student learning outcomes learned by PBL learning models assisted by media *prezi* with DI learning models assisted by media *prezi* at the level of student learning motivation; 3) the interaction between PBL learning models assisted by media *prezi* with a level of motivation towards student learning outcomes; and 4) the relationship between learning motivation and learning outcomes. The population in this study were all students of class XI semester II. The sample of this study was students of class XI IPA consisting of eleven classes, class XI IPA1 to XI IPA11. From the total class XI there will be taken two classes each, one class for the experimental class I (PBL model assisted by the *Prezi* media), and one class for the control (PBL model assisted by the *Prezi* media), each class with 30 students. The research instrument is a valid and reliable learning outcome objective test and motivation questionnaire. The analysis technique used is the Two Way Anova technique and the Correlation test on the SPSS 24 program. The results of the study concluded that: 1) There was an effect of learning outcomes through PBL learning assisted by *Prezi* media and DI models assisted by *Prezi* media; 2) There is the influence of learning outcomes through PBL learning assisted by *Prezi* media and DI models assisted by *Prezi* media at high and low motivation levels ( $p = 0,000 < 0,05$ ); 3) There is an interaction between the two learning models with the level of motivation in influencing learning outcomes ( $p = 0,000 < 0,05$ ); and 4) There is a relationship between learning motivation and learning outcomes ( $p = 0,000 < 0,05$ ).

Keywords: *Problem Based Learning* (PBL), *prezi* media, *eXe Learning*, motivation, learning Outcomes, colloid.