

## ABSTRAK

**Shintia Tri Shifa, NIM 4191131017 (2023). Pengaruh Model Pembelajaran *Problem Based Learning* Bermediakan *Ispring Suite 10* Terhadap Hasil Belajar Siswa Pada Materi Asam Basa.**

Tujuan dari penelitian ini untuk mengetahui pengaruh model pembelajaran problem based learning bermediakan ispring suite 10 terhadap hasil belajar dan motivasi belajar siswa pada pokok bahasan asam basa di kelas XI SMA Negeri 1 Pancur Batu. Penelitian ini merupakan penelitian kuantitatif. Pengambilan sampel dilakukan dengan menggunakan teknik purposive sampling. Penelitian ini mengambil sampel yang terdiri dari dua kelompok, yaitu kelompok eksperimen pada kelas XI MIA 1 dan kelompok kontrol pada kelas XI MIA 2. Teknik pengumpulan data melalui wawancara, tes hasil belajar, angket motivasi belajar dan dokumentasi. Sedangkan untuk teknik analisis data menggunakan uji normalitas, uji homogenitas dan uji hipotesis dengan rumus uji t satu pihak. Rata-rata posttest pada kelas eksperimen > kelas kontrol (80,66 > 73,16). Hasil uji-t hasil belajar siswa diperoleh signifikansi data < 0,05 (0,00) yang menunjukkan model pembelajaran problem based learning bermediakan iSpring suite 10 berpengaruh terhadap hasil belajar siswa pada materi asam basa. Hasil uji-t motivasi belajar siswa diperoleh signifikansi data < 0,05 (0,00) yang menunjukkan model pembelajaran problem based learning bermediakan iSpring suite 10 berpengaruh terhadap hasil belajar siswa pada materi asam basa. Hasil uji korelasi diperoleh signifikansi data < 0,05 (0,007) yaitu ada korelasi yang signifikan antara motivasi dengan hasil belajar siswa. Maka dinyatakan bahwa terdapat pengaruh yang positif dan signifikan dari penggunaan model pembelajaran problem based learning bermediakan *iSpring suite 10* terhadap hasil dan motivasi belajar siswa pada materi asam basa di kelas XI SMA Negeri 1 Pancur Batu.

**Kata Kunci:** *Ispring Suite 10*, Hasil Belajar, Motivasi Belajar, *Problem Based Learning*, Asam Basa

## ABSTRACT

### **Shintia Tri Shifa, NIM 4191131017 (2023). The Effect of The Problem Based Learning Model With Ispring Suite 10 Media on Student Learning Outcomes in Acid Base Material**

The purpose of this study was to determine the effect of the problem-based learning model with ispring suite 10 media on learning outcomes and student motivation on the subject of acid-base in class XI SMA Negeri 1 Pancur Batu. This research is a quantitative research. Sampling was carried out using purposive sampling technique. This study took samples consisting of two groups, namely the experimental group in class XI MIA 1 and the control group in class XI MIA 2. Data collection techniques were through interviews, achievement tests, learning motivation questionnaires and documentation. As for the data analysis technique using the normality test, homogeneity test and hypothesis testing with one party t test formula. Posttest average in the experimental class > control class (80,66 > 73,16). The results of the t-test of student learning outcomes obtained data significance < 0,05 (0,00) which shows the problem-based learning model using iSpring suite 10 media has an effect on student learning outcomes in acid-base material. The results of the t-test of student learning motivation obtained data significance < 0,05 (0,00) which shows the problem-based learning model using iSpring suite 10 media has an effect on student learning outcomes in acid-base material. Correlation test results obtained data significance < 0,05 (0,007) namely there is a significant correlation between motivation and student learning outcomes. So it is stated that there is a positive and significant influence from the use of the problem based learning model with ispring suite 10 media on the results and motivation of student learning in acid-base material in class XI SMA Negeri 1 Pancur Batu.

**Keywords:** Ispring Suite 10, Learning Outcomes, Learning Motivation, Problem-Based Learning, Acid-Base

