

ABSTRAK

Laba Mikari Solin. NIM 4213331011 (2025). Pengaruh Media Augmented Reality Terhadap Motivasi dan Hasil Belajar Siswa Pada Materi Ikatan Kimia.

Penelitian ini bertujuan untuk mengetahui pengaruh media *Augmented Reality* terhadap motivasi dan hasil belajar siswa pada materi ikatan kimia di kelas X SMA Negeri 1 Salak. Penelitian ini adalah penelitian kuantitatif. Populasi penelitian delapan kelas X SMA Negeri I Salak. Sampel penelitian dua kelas yang diambil secara purposive sampling yaitu kelas Fase E7 sebagai kelas eksperimen dan kelas Fase E3 sebagai kelas kontrol, masing masing kelas berjumlah 36 siswa. Pengumpulan data menggunakan instrumen tes dan angket motivasi belajar yang sudah di validasi oleh validator ahli. Data motivasi dan hasil belajar siswa dianalisis secara statistik menggunakan uji t satu pihak. Hasil analisis data motivasi belajar siswa diperoleh $t_{hitung} 5,45 > t_{tabel} 1,66$ sehingga H_0 ditolak, H_a diterima yaitu terdapat pengaruh media *Augmented Reality* terhadap motivasi belajar siswa pada materi ikatan kimia. Analisis data hasil belajar diperoleh $t_{hitung} 5,15 > t_{tabel} 1,66$, sehingga H_0 ditolak dan H_a diterima yaitu terdapat pengaruh media *Augmented Reality* terhadap hasil belajar siswa pada materi ikatan kimia. Hasil uji korelasi menunjukkan terdapat korelasi positif dan signifikan antara motivasi belajar dengan hasil belajar siswa yang dibelajarkan menggunakan media *Augmented Reality* pada materi Ikatan Kimia .dengan nilai $r 0,943$ (sangat tinggi) dengan koefisien determinan 88,9%.

Kata kunci : Hasil Belajar , Motivasi , Ikatan kimia , Augmented Reality



ABSTRACT

Laba Mikari Solin.NIM 4213331011 (2025).The Effect of Augmented Reality Media on Motivation and Student Learning Outcomes on Chemical Bonding Material.

This study aims to determine the effect of Augmented Reality media on student motivation and learning outcomes in chemical bonding material in class X of SMA Negeri 1 Salak. This study is a quantitative study. The population of the study was eight classes of class X of SMA Negeri 1 Salak. The research sample was two classes taken by purposive sampling, namely class Fase E7 as the experimental class and class Fase E3 as the control class, each class consisting of 36 students. Data collection used test instruments and learning motivation questionnaires that had been validated by expert validators. Student motivation and learning outcome data were analyzed statistically using a one-tailed t-test. The results of the analysis of student learning motivation data obtained $t_{\text{count}} 5.45 > t_{\text{table}} 1.66$ so that H_0 was rejected, H_a was accepted, namely there was an influence of Augmented Reality media on student learning motivation in chemical bonding material. Analysis of learning outcome data obtained $t_{\text{count}} 5.15 > t_{\text{table}} 1.66$, so that H_0 was rejected and H_a was accepted, namely there was an influence of Augmented Reality media on student learning outcomes in chemical bonding material. The results of the correlation test show that there is a positive and significant correlation between learning motivation and student learning outcomes that are taught using Augmented Reality media on Chemical Bonding material. With an r value of 0.943 (very high) with a determinant coefficient of 88.9%.

Keywords: *Learning Outcomes, Motivation, Chemical Bonding, Augmented Reality*

