

## ABSTRAK

**Gamster Silaban, Nim: 5151111023. Pengaruh Media Archi CAD Dan Motivasi Belajar Terhadap Hasil Belajar Siswa Mata Pelajaran Aplikasi Perangkat Lunak Dan Perancangan Interior Gedung Kelas XI SMK Negeri 1 Percut Sei Tuan**

Penelitian ini bertujuan untuk: (1) mengetahui pengaruh media Archi CAD pada mata pelajaran aplikasi perangkat lunak dan perancangan interior gedung. (2) untuk mengukur motivasi belajar siswa pada mata pelajaran aplikasi perangkat lunak dan perancangan interior gedung

Penelitian ini dilaksanakan di SMK Negeri 1 Percut Sei Tuan. subjek penelitian ini adalah siswa kelas XI program keahlian desain pemodelan informasi bangunan tahun ajaran 2021 / 2022 dengan jumlah siswa sebanyak 29 orang.

Sebelum penelitian ini dilakukan instrument penelitian terlebih dahulu diuji cobakan, hasil uji coba instrumen angket motivasi belajar diperoleh 20 butir angket yang valid dari 23 butir angket yang di uji cobakan dengan reliabilitas sebesar 0,621 yang artinya tergolong sangat tinggi. Hasil uji coba instrumen tes hasil belajar aplikasi perangkat lunak dan perancangan interior gedung diperoleh 25 butir soal yang valid dari 30 soal yang di uji cobakan dengan reliabilitas 0,444 yang artinya tergolong sangat tinggi. hasil penelitian menunjukkan bahwa media pembelajaran Archi CAD memberi pengaruh yang berbeda secara signifikan terhadap hasil belajar siswa dengan  $F_{hitung} = 0,736 > F_{tabel} = 0,361$  pada taraf  $\alpha = 0,05$ . Tingkat motivasi belajar siswa pengaruh yang berbeda secara signifikan terhadap hasil belajar siswa dengan  $F_{hitung} = 0,976 > F_{tabel} = 0,361$ . Tidak terdapat interaksi antara media Archi CAD dan tingkat motivasi belajar siswa  $F_{hitung} = 0,644 > F_{tabel} = 0,361$ .

**Kata Kunci : penggunaan Media Archi CAD, Motivasi Belajar, Hasil Belajar**

## ABSTRACT

**Gamster Silaban, Nim: 5151111023. The Effect of Archi CAD Media and Learning Motivation on Student Learning Outcomes Subjects Software Applications and Interior Design of Class XI Building SMK Negeri 1 Percut Sei Tuan.**

This study aims to: (1) determine the effect of Archi CAD media on the subject of software application and building interior design. (2) to measure students' learning motivation in the subjects of software application and building interior design.

This research was conducted at SMK Negeri 1 Percut Sei Tuan. The subjects of this research were students of class XI of the building information modeling design expertise program for the 2021/2022 academic year with a total of 29 students.

Before this research was conducted, the research instrument was first tested, the results of the test of the learning motivation questionnaire instrument obtained 20 valid questionnaire items from 23 questionnaire items that were tested with a reliability of 0.621 which means it is classified as very high. The results of the test instrument test results for learning software applications and building interior design obtained 25 valid items from 30 questions tested with reliability of 0.444, which means it is very high. The results show that Archi CAD learning media has a significantly different effect on student learning outcomes with  $F_{count} = 0.736 > F_{table} = 0.361$  at level = 0.05. The level of student learning motivation has a significantly different effect on student learning outcomes with  $F_{count} = 0.976 > F_{table} = 0.361$ . There is no interaction between Archi CAD media and students' learning motivation level  $F_{count} = 0.644 > F_{table} = 0.361$ .

Keywords: use of Archicad Media, Learning Motivation, Learning Outcomes