

ABSTRAK

Anggiat Srikayama Sinurat : *Pengaruh Penggunaan Google Classroom Terhadap Minat dan Hasil Belajar Konstruksi Jalan dan Jembatan Pada Siswa Kelas XI Program Keahlian Desain Pemodelan dan Informasi Bangunan SMK Negeri 5 Medan*. Skripsi. Fakultas Teknik Universitas Negeri Medan.2021

Rendahnya minat dan hasil belajar siswa kelas XI pada mata pelajaran konstruksi jalan dan jembatan program keahlian DPIB merupakan dampak dari kesulitan belajar siswa, ada beberapa penyebab yang mengakibatkan siswa mengalami kesulitan dalam belajar. Diantaranya yaitu keterbatasan fasilitas penunjang pembelajaran siswa berupa sarana dan prasarana sekolah seperti sumber belajar dan kurang tepatnya guru dalam memilih penggunaan media untuk membantu proses pembelajaran yang juga mempengaruhi minat belajar siswa dan berdampak terhadap hasil belajar siswa. Berdasarkan hal tersebut, penelitian ini bertujuan untuk mengetahui pengaruh penggunaan *google classroom* terhadap minat dan hasil belajar konstruksi jalan dan jembatan pada siswa tersebut.

Penelitian ini merupakan penelitian quasi eksperimen. Sampel dalam penelitian ini adalah siswa kelas XI DPIB 2 sebagai kelas yang diberikan perlakuan penggunaan media pembelajaran *google classroom* sebanyak 28 siswa dan siswa kelas XI DPIB 3 sebagai kelas yang diberikan perlakuan penggunaan media pembelajaran *whatsApp* sebanyak 26 siswa. Teknik pengumpulan data berupa angket dan tes, yang terlebih dahulu diujicobakan, dan dilanjutkan dengan uji validitas, reliabilitas, indeks kesukaran, dan daya pembeda soal. Teknik analisis data yang digunakan adalah; (1) analisis deskriptif, (2) uji persyaratan analisis berupa uji normalitas, uji homogenitas, dan uji hipotesis.

Hasil penelitian yang telah dilakukan menyatakan bahwa : (1) tidak terdapat pengaruh yang berbeda secara signifikan penggunaan media *google classroom* terhadap minat belajar siswa dengan hasil pengujian test *manova multivariate* diperoleh $\text{sig} > 0,05$ yaitu $(0,339 > 0,05)$. (2) terdapat pengaruh yang berbeda secara signifikan penggunaan media *google classroom* terhadap hasil belajar siswa dengan hasil pengujian uji-t diperoleh Hasil pengujian test *manova multivariate* diperoleh $\text{sig} < 0,05$ yaitu $(0,004 < 0,05)$ Artinya penggunaan media *google classroom* memberikan pengaruh terhadap hasil belajar siswa tapi tidak dengan minat belajar siswa.

Kata kunci : Media Pembelajaran, *Google Classroom*, Minat Belajar, Hasil Belajar.

ABSTRACT

Anggiat Srikayama Sinurat: *The Effect of Using Google Classroom on Students' Interest and Learning Outcomes of Road and Bridge Construction in grade XI Students of the Modeling and Information Design Expertise Program at SMK Negeri 5 Medan. Thesis. Faculty of Engineering, State University of Medan. 2021*

The low of students' interest and learning outcomes of grade XI students in the subject of road and bridge construction DPIB expertise program was the impact of student learning difficulties, there were several causes that cause students have difficulties in learning. Among them were the limitations of supporting student learning facilities in the form of school facilities and infrastructure such as learning resources and the teacher's lack of accuracy in choosing the use of media to assist the learning process which also affects students' interest in learning and it had an impact on students' learning outcomes. Based on this, this study aimed to determine the effect of using google classroom on the students' interest and learning outcomes of road and bridge construction.

This research was a quasi-experimental research. The samples in this study were students of grade XI DPIB 2 as the class that was given treatment using the google classroom learning media as many as 28 students and grade XI DPIB 3 students as the class that was given treatment using whatsapp learning media as many as 26 students. Data collection techniques in the form of questionnaires and tests, which were first tested, and followed by tests of validity, reliability, difficulty index, and discriminating power of questions. The data analysis techniques used were; (1) descriptive analysis, (2) test requirements analysis in the form of normality test, homogeneity test, and hypothesis testing.

The results of the research that have been carried out stated that: (1) there was a not significantly different effect of the use of google classroom media on students' learning interest. The results of the test multivariate analysis of variance obtained sig. > 0,05, namely (0,339 > 0,05). (2) there was a significantly different effect of the use of google classroom media on students' learning outcomes with the results of the test multivariate analysis of variance obtained which was sig. < 0,05 namely 0,004 < 0,05 This means that the use of google classroom media had an influence on the results of students' learning but it was not for students' learning interest.

Keywords: Learning Media, Google Classroom, Interest in Learning, Learning Outcomes.