

ABSTRAK

Maya Gustina. NIM. 5181131004. Penerapan Model Pembelajaran *Active Knowledge Sharing* Terhadap Hasil Belajar Teknik Instalasi Listrik. Skripsi. Fakultas Teknik Universitas Negeri Medan 2023.

Penelitian ini bertujuan untuk (1) Mengetahui perbedaan hasil belajar antara penggunaan model *Active knowledge sharing* dengan penggunaan model *Ekspositori* pada materi *smart home*. (2) Mengetahui efektifitas penerapan model *Active knowledge sharing* pada materi *smart home* pada kelas XI Teknik Instalasi Penerangan Listrik (TITL) SMK Swasta Imelda Medan. Jenis penelitian ini adalah quasy Eksperimen dengan model penelitian *Active Knowledge Sharing*. Hasil penelitian menunjukkan: (1) hasil belajar kelas Eksperimen dengan model *Active Knowledge Sharing* ($mean = 83,3$; $g = 0,6$). Lebih tinggi dibandingkan hasil belajar kelas Kontrol model *Ekspositori* ($mean = 69,2$; $g = 0,29$). (2) Hasil belajar model *Active Knowledge Sharing* (88,57%) dikategorikan lebih tinggi dibandingkan dengan penerapan model *Ekspositori* (33,3%). Berdasarkan hasil uji t dari nilai rata-rata *posttest* diperoleh t_{hitung} adalah 5,69 dan t_{tabel} adalah 2,016692199. Berdasarkan kriteria uji hipotesis. Dapat dilihat bahwa $t_{hitung} > t_{tabel}$ dan $P\ value < (0,05)$. Maka pengujian hipotesis disimpulkan dengan H_0 ditolak dan H_a diterima. Artinya ada perbedaan yang sangat signifikan pada hasil belajar dengan menggunakan *Active Knowledge Sharing* dengan menggunakan *Ekspositri*. Efektivitas yang menunjukkan bahwa jumlah siswa yang mencapai nilai KKM pada kelas model *Active knowledge sharing* adalah 23 siswa (88,57%) dengan kategori tinggi, sedangkan pada kelas penggunaan model *Ekspositori* jumlah yang mencapai nilai KKM hanya 11 siswa (33,3%) dengan kategori rendah. Sedangkan penggunaan model *Active knowledge shaing* lebih efektif dibandingkan dengan penggunaan model *Ekspositori*.

Kata Kunci : Hasil Belajar, model active kknowledge sharing model *Ekspositori*



ABSTRACT

Maya Gustina. NIM 5181131004 Application of the *Active Knowledge Sharing* Learning Model on Electrical Installation Engineering Learning Outcomes. Thesis. Faculty of Engineering, Medan State University 2023.

This study aims to (1) determine the differences in learning outcomes between the use of the Active knowledge sharing model and the use of the Expository model on smart home material. (2) Knowing the effectiveness of applying the Active knowledge sharing model to smart home material in class XI Electrical Lighting Installation Engineering (TITL) Imelda Medan Private Vocational School. This research will be tested by involving class XI Electrical Installation Engineering students at Imelda Medan's Private Vocational High School. This type of research is a quasy experiment with the Active Knowledge Sharing research model. The results showed: (1) the learning outcomes of the Experiment class with the Active Knowledge Sharing model ($mean = 83.3$; $g = 0.6$). Higher than the learning outcomes of the Expository Model Control class ($mean = 69.2$; $g = 0.29$). (2) Learning outcomes the application of the Active Knowledge Sharing model (88.57%) is categorized higher than the application of the Expository model (33.3%). Based on the results of the t test from the average value of the posttest obtained t_{count} is 5.697116821 and t_{table} is 2.016692199. Based on hypothesis testing criteria. It can be seen that $t_{count} > t_{table}$ and P value $< (0.05)$. Then the hypothesis testing is concluded with $H_{rejected}$ and $H_{accepted}$. This means that there is a very significant difference in learning outcomes by using Active Knowledge Sharing and by using Expository. With this very significant difference, the hypothesis testing concluded that learning outcomes in the use of Active Knowledge Sharing were higher compared to the use of Expository in the subject of electrical installations.

Keywords: Learning Outcomes, active knowledge sharing Expository model

