

ABSTRAK

Iswandi Girsang, NIM 5193131020. Pengaruh Model Pembelajaran *Think Pair Share* (TPS) Terhadap Hasil Belajar Siswa Dasar Program Keahlian Pada Elemen Alat Ukur Dan Alat Uji Kelistrikan Kelas X Teknik Instalasi Tenaga Listrik (TITL) Di SMK Negeri 5 Medan, Skripsi Program Studi Pendidikan Teknik Elektro, Fakultas Teknik, Universitas Negeri Medan 2023.

Penelitian ini bertujuan untuk mengetahui hasil belajar Dasar Program elemen Alat Ukur dan Alat Uji Kelistrikan yang diajar dengan menggunakan model pembelajaran *think pair share* dan model pembelajaran *discovery learning* pada siswa kelas X SMK Negeri 5 Medan. Metode pemilihan sampel penelitian menggunakan *cluster random sampling*. Proses pengumpulan data menggunakan metode tes, yaitu pengumpulan data tes akhir (*posttest*) setelah diberikan perlakuan (*treatment*). Jumlah sampel tiap kelas sebanyak 60 orang. Hasil analisis data dengan tingkat penerimaan pada taraf signifikansi 5% menunjukkan bahwa hasil belajar siswa yang diajar menggunakan model pembelajaran *think pair share* lebih tinggi dari hasil belajar siswa yang diajar dengan menggunakan model *discovery learning*, dimana diperoleh $t_{hitung} > t_{tabel}$, yaitu $3,034 > 2,002$. Dari perhitungan diperoleh kesimpulan bahwa hasil belajar Dasar Program Keahlian elemen Alat Ukur dan Alat Uji Kelistrikan siswa yang diajarkan dengan menggunakan model pembelajaran *Think Pair Share* lebih tinggi dibandingkan dengan siswa yang diajarkan dengan menggunakan model *Discovery Learning* kelas X Teknik Instalasi Tenaga Listrik (TITL) SMK Negeri 5 Medan.

Kata Kunci : Model Pembelajaran *Think Pair Share* (TPS), Model pembelajaran *Discovery Learning*, Hasil Belajar



ABSTRACT

Iswandi Girsang, NIM 5193131020. The Influence of the Think Pair Share (TPS) Learning Model on Basic Student Learning Outcomes in the Skills Program on Elements of Measuring Tools and Electrical Testing Equipment for Class Electrical Engineering, Faculty of Engineering, Medan State University 2023.

This research aims to find out the learning outcomes of the Basic Program elements of Measuring Instruments and Electrical Testing Equipment which are taught using the think pair share learning model and discovery learning model for class X students at SMK Negeri 5 Medan. The research sample selection method used cluster random sampling. The data collection process uses the test method, namely collecting final test data (posttest) after being given treatment. The number of samples for each class was 60 people. The results of data analysis with an acceptance level at a significance level of 5% show that the learning outcomes of students taught using the think pair share learning model are higher than the learning outcomes of students taught using the discovery learning model, where $t_{count} > t_{table}$ is obtained, namely $3.034 > 2.002$. From the calculations, it was concluded that the basic learning outcomes of the Basic Skills Program for the elements of Measuring Instruments and Electrical Testing Equipment for students who were taught using the Think Pair Share learning model were higher than those of students who were taught using the Discovery Learning model for class X Electrical Power Installation Engineering (TITL) State Vacaional School 5 Medan.

Keywords: *Think Pair Share (TPS) Learning Model, Discovery Learning Model, Learning Outcomes*

