

ABSTRAK

Benni Arif Purba. NIM 5203131001. Pengaruh Model Pembelajaran Kooperatif *Think Pair Share* (TPS) Terhadap Hasil Belajar Siswa Pada Mata Pelajaran Instalasi Motor Listrik Kelas IX di SMK Negeri 2 Doloksanggul. Skripsi. Fakultas Teknik - Universitas Negeri Medan. 2025

Penelitian ini bertujuan untuk mengetahui pengaruh model pembelajaran kooperatif tipe *Think Pair Share* (TPS) terhadap hasil belajar siswa pada mata pelajaran Instalasi Motor Listrik di SMK Negeri 2 Doloksanggul. Penelitian ini menggunakan metode **Quasi eksperimen** dengan desain *pretest-posttest control group design*. Populasi penelitian adalah seluruh siswa kelas XI program keahlian Teknik Instalasi Tenaga Listrik (TITL), sedangkan sampel penelitian terdiri dari dua kelas, yaitu kelas XI TITL 1 sebagai kelas eksperimen yang menggunakan model pembelajaran TPS dan kelas XI TITL 2 sebagai kelas kontrol yang menggunakan model *Group Investigation* (GI). Instrumen yang digunakan berupa tes hasil belajar yang mencakup ranah kognitif berdasarkan taksonomi Bloom. Data dianalisis menggunakan uji normalitas, homogenitas, dan uji-t. Hasil penelitian menunjukkan bahwa terdapat **perbedaan signifikan** antara hasil belajar siswa yang diajar menggunakan model pembelajaran TPS dengan siswa yang diajar menggunakan model GI. Nilai rata-rata hasil belajar kelas eksperimen lebih tinggi dibandingkan dengan kelas kontrol ($t_{hitung} = 2,064 > t_{tabel} = 2,008$). Dengan demikian, dapat disimpulkan bahwa **model pembelajaran *Think Pair Share* (TPS)** berpengaruh positif dan signifikan terhadap hasil belajar siswa pada mata pelajaran Instalasi Motor Listrik. Model ini efektif dalam meningkatkan keaktifan, kerja sama, dan pemahaman konsep siswa melalui kegiatan berpikir, berpasangan, dan berbagi ide secara terstruktur.

Kata kunci: *Think Pair Share*, *Group Investigation*, hasil belajar, pembelajaran kooperatif, Instalasi Motor Listrik.



ABSTRACT

Benni Arif Purba. NIM 5203131001. The Effect of the Think Pair Share (TPS) Cooperative Learning Model on Student Learning Outcomes in the Electric Motor Installation Subject for Grade IX at SMK Negeri 2 Doloksanggul. Thesis. Faculty of Engineering - State University of Medan. 2025

This study aims to determine the effect of the **Think Pair Share (TPS)** cooperative learning model on student learning outcomes in the **Electrical Motor Installation** subject at **SMK Negeri 2 Doloksanggul**. This study used a **quasi-experimental method** with a **pretest-posttest control group design**. The study population was all students of grade XI of the Electrical Power Installation Engineering (TITL) expertise program, while the study sample consisted of two classes, namely grade XI TITL 1 as an experimental class using the TPS learning model and grade XI TITL 2 as a control class using the **Group Investigation (GI)** model. The instrument used was a learning outcome test that covered the cognitive domain based on Bloom's taxonomy. Data were analyzed using normality, homogeneity, and t-test tests. The results showed that there were **significant differences** between the learning outcomes of students taught using the TPS learning model and students taught using the GI model. The average value of the experimental class's learning outcomes was higher than the control class ($t_{\text{count}} = 2.064 > t_{\text{table}} = 2.008$). Thus, it can be concluded that **the Think Pair Share (TPS) learning model** has a positive and significant effect on student learning outcomes in the Electric Motor Installation subject. This model is effective in increasing student activity, cooperation, and conceptual understanding through structured thinking, pairing, and idea-sharing activities.

Keywords: Think Pair Share, Group Investigation, learning outcomes, cooperative learning, Electric Motor Installation.

