ABSTRAK

Cando Hotmartua Marbun, 5183131025, Pengaruh Model Pembelajaran Problem Based Learning terhadap Hasil Belajar Siswa pada Mata Pelajaran Instalasi Motor Listrik kelas XI TITL SMK. Skripsi. Fakultas Teknik Universitas Negeri Medan 2024

Penelitian Pengaruh Model Pembelajaran Problem Based Learning bertujuan untuk mengetahui hasil belajar siswa kelas XI TITL SMK pada instalasi motor listrik menggunakan model pembelajaran *Discovery Learning* dan *Problem Based Learning* (PBL) serta membandingkan hasil model pembelajaran *Discovery Learning* dan *Problem Based Learning* (PBL). Metode yang digunakan dalam penelitian ini menggunakan *pre-experimental design* dengan *pretest-posttest control group desain* : Hasil *Discovery Learning* memperoleh nilai rata-rata 77,84 dengan nilai tertinggi 83,33 dan nilai terendah 73,33, dengan tingkat kecenderungan pada kategori : 4 siswa dengan persentase 26% (tinggi), 3 siswa dengan persentase 20% (cukup), 5 siswa dengan persentase 34% (kurang), 3 siswa dengan persentase 20% (rendah) disimpulkan bahwa rata-rata persentase hasil belajar siswa pada kelas kontrol tergolong kurang. *Problem Based Learning* (PBL) memperoleh nilai rata-rata 84,31 dengan nilai tertinggi 93,33 dan nilai terendah 76,67. Dengan tingkat kecenderungan pada kategori : 5 siswa dengan persentase 34% (tinggi), 6 siswa dengan persentase 40% (cukup), 2 siswa dengan persentase 13% (kurang), 2 siswa dengan persentase 13% (rendah) disimpulkan bahwa rata-rata persentase hasil belajar siswa pada kelas eksperimen tergolong cukup.

Kata Kunci : Pengaruh Model Pembelajaran, Model Problem Based Learning, Instalasi Motor Listrik.

ABSTARCT

Cando Hotmartua Marbun, 5183131025, The Influence of the Problem Based Learning Model on Student Learning Outcomes in the Electric Motor Installation Subject class XI TITL SMK. Thesis. Medan State University Faculty of Engineering 2024

Research on the Influence of Problem Baseline Learning Learning Models aims to understand the learning outcomes of students in class The method used in this research is prel-elxpelrimelntal delsign with prelst-posttelst control group design: Learning Discovelry Results have an average score of 77.84 with the highest score of 83.33 and the lowest score of 73.33, with the level of accuracy in the category: 4 students with 26% (high) 26% (high), 3 students with 20% (low) 5 students with 34% (low) it was concluded that the average percentage of student learning outcomes in the control class classified as less. Problem Baseld Learning (PBL) achieved an average score of 84.31 with the highest score being 93.33 and the lowest score being 76.67. The level of proficiency in the categories: 5 students with 34% (high), 6 students with 40% (culp), 2 students with 13% (low) 2 students with 13% (low). It was concluded that the average percentage of student learning outcomes in the experimental class was considered sufficient.

Keywords: Influence of Learning Model, Problem Based Learning Model, Electric Motor Installation.