

## ABSTRAK

**Telabta Elybahtra Bangun. NIM 5151111056. Pengaruh Model Pembelajaran *Problem Based Learning* Dan *Discovery Learning* Terhadap Hasil Belajar Dalam Mata Pelajaran Gambar Teknik Siswa Kelas X Program Keahlian Teknik Desain Pemodelan Dan informasi Bangunan SMK Negeri 5 Medan. Skripsi. Fakultas Teknik – Universitas Negeri Medan. 2022**

Penelitian ini bertujuan untuk meningkatkan hasil belajar Gambar Teknik dengan menggunakan dua model pembelajaran yaitu model Pembelajaran *Problem Based Learning* Dan *Discovery Learning* dalam proses pembelajaran. penelitian ini dilaksanakan di SMK Negeri 5 Medan. Subjek penelitian ini adalah siswa kelas X DPIB 1 yang berjumlah 30 siswa yang diajar dengan model pembelajaran *Problem Based Learning* dan siswa kelas XI DPIB 2 yang berjumlah 30 siswa yang diajar dengan model pembelajaran *Discovery Learning*. Sebelum penelitian ini dilakukan, instrumen penelitian terlebih dahulu diuji cobakan. Hasil uji coba instrumen tes Belajar diperoleh 15 butir tes yang valid dari 20 butir tes yang diuji cobakan. Hasil penelitian menunjukkan bahwa model pembelajaran pembelajaran *Problem Based Learning* dan model pembelajaran *Discovery Learning* memberi pengaruh yang positif secara signifikan terhadap hasil belajar siswa dengan  $t_{hitung} = 3.040 > t_{Tabel} = 1.671$  pada taraf signifikan  $\alpha = 0,05$ .

Kata kunci: Pembelajaran problem based learning; discovery learning; hasil belajar siswa

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## ABSTRACT

Telabta Elybahtra Wake up. NIM 5151111056. The Influence of Problem Based Learning and Discovery Learning Models on Learning Outcomes in Engineering Drawing Subjects for Class X Students of the Engineering Design Expertise Program and Building Information at SMK Negeri 5 Medan. Thesis. Faculty of Engineering – State University of Medan. 2022

This study aims to improve learning outcomes of Engineering Drawing by using two learning models, namely Problem Based Learning and Discovery Learning models in the learning process. This research was conducted at SMK Negeri 5 Medan. The subjects of this study were students of class X DPIB 1, totaling 30 students who were taught with the Problem Based Learning learning model and students of class XI DPIB 2, totaling 30 students who were taught with the learning model of Discovery Learning. Before this research was conducted, the research instrument was first tested. The test results of the Learning test instrument obtained 15 valid test items from the 20 test items tested. The results showed that the Problem Based Learning learning model and the Discovery Learning learning model had a significant positive effect on student learning outcomes with  $t_{count} = 3,040 > t_{Table} = 1,671$  at a significant level = 0.05.

Keywords : Problem based learning learning; discovery learning; student learning outcomes

