

## ABSTRAK

MARDONGAN L SIMATUPANG, NIM 5141121015 : *Analisis Faktor Penyebab Rendahnya Hasil Belajar Siswa Mata Pelajaran Gambar Teknik Dengan Penerapan Model Pembelajaran PJBL (Project Based Learning) di Kelas X SMK Negeri 1 Pakkat Tahun Ajaran 2020/2021*. Skripsi. Fakultas Teknik. Universitas Negeri Medan. 2021.

Berdasarkan hasil data observasi penelitian di SMK Negeri 1 Pakkat tahun ajaran 2020/2021 membuktikan bahwa hasil belajar gambar teknik pada penerapan PJBL di sekolah tergolong cukup. Salah satu kegiatan yang menunjukkan hasil belajar adalah *project based learning* (PJBL), sehingga dilakukan penelitian dengan melakukan analisis minat dan fasilitas belajar siswa dalam mendukung hasil belajar siswa pada penerapan PJBL. Subjek penelitian adalah 32 peserta didik kelas X di SMK Negeri 1 Pakkat pada semester genap tahun ajaran 2020/2021.

Pengumpulan data dilakukan dengan cara observasi, survey angket dan dokumentasi. Validitas data menggunakan triangulasi teknik. Data yang diperoleh dari penelitian bersifat kuantitatif dan kualitatif. Data kuantitatif diproses dengan menggunakan perhitungan, sedangkan data kualitatif digambarkan dengan kata dan kalimat yang dipisah-pisah menurut kategorinya.

Hasil penelitian pada penerapan PJBL di Kelas X SMK Negeri 1 Pakkat ini menunjukkan bahwa, (1) faktor-faktor yang mempengaruhi hasil belajar gambar teknik pada siswa kelas X dipengaruhi oleh faktor internal (dari dalam) dan eksternal (dari luar). Faktor intern meliputi minat belajar siswa. Sedangkan faktor eksternal yaitu faktor fasilitas belajar siswa, dan (2) hasil belajar gambar teknik di Kelas X pada semester genap tahun ajaran 2020/2021 berada pada kriteria cukup.

Kata kunci : Minat Belajar, Fasilitas Belajar, PJBL



## ABSTRACT

MARDONGAN L SIMATUPANG, NIM 5141121015: *Analysis of the Factors Causing the Low Learning Outcomes of Students in Engineering Drawing Subjects with the Application of the Project Based Learning (PJBL) Learning Model in Class X SMK Negeri 1 Pakkat Academic Year 2020/2021*. Essay. Faculty of Engineering. Medan State University. 2021.

Based on the results of research observation data at SMK Negeri 1 Pakkat for the 2020/2021 academic year, it proves that the results of learning technical drawing on the implementation of PJBL in schools are quite sufficient. One of the activities that show learning outcomes is project based learning (PJBL), so research is carried out by analyzing student interests and learning facilities in supporting student learning outcomes in the application of PJBL. The research subjects were 32 students of class X at SMK Negeri 1 Pakkat in the even semester of the 2020/2021 academic year.

Data was collected by means of observation, survey, questionnaire and documentation. The validity of the data using triangulation techniques. The data obtained from the research are quantitative and qualitative. Quantitative data is processed using calculations, while qualitative data is described by words and sentences that are separated according to their categories.

The results of the research on the implementation of PJBL in Class X SMK Negeri 1 Pakkat show that, (1) the factors that influence the learning outcomes of engineering drawing in class X students are influenced by internal factors (from within) and external (from outside). Internal factors include students' interest in learning. While external factors are student learning facilities, and (2) the results of learning technical drawing in Class X in the even semester of the 2020/2021 academic year are in sufficient criteria.

Keywords: Interest in Learning, Learning Facilities, PJBL

