## ABSTRAK

Alhadi Khairullah: *Penerapan Model Pembelajaran Problem Based Learning (PBL) Untuk Meningkatkan Hasil Belajar Mata Pelajaran Pemeliharaan Mesin Kendaraan Ringan Kompetensi Keahlian Teknik Kendaraan Ringan SMK Negeri 1 Kutalimbaru*. Skripsi. Fakultas Teknik Universitas Negeri Medan. 2024

Partisipasi siswa rendah dalam kegiatan pembelajaran, sedikit siswa yang aktif dalam proses pembelajaran, media pembelajaran tidak bervariasi, tidak adanya penggunaan media pembelajaran berupa video ataupun gambar, belum ada penggunaan model pembelajaran PBL, hasil belajar siswa tidak tuntas mencapai nilai rata–rata 60, sedangkan KKM pelajaran Kejuruan Teknik Otomotif adalah 70. Penelitian ini bertujuan untuk meningkatkan hasil belajar siswa pada kompetensi keahlian teknik kendaraan ringan kelas XI TKRO SMK Negeri 1 Kutalimbaru melalui penerapan model pembelajaran *Problem Based Learning* (PBL).

Penelitian ini merupakan Penelitian Tindakan Kelas (PTK) dengan model Kurt Lewin yang dilakukan dalam tiga siklus karena telah mencapai indikator keberhasilan tindakan. Subjek penelitian ini adalah peserta didik kelas XI TKRO SMK Negeri 1 Kutalimbaru Tahun Ajaran 2023/2024 yang berjumlah 37 siswa. Tenik pengumpulan data pada penelitian ini menggunakan observasi, tes hasil belajar, dan dokumentasi.

Hasil penelitian menunjukkan bahwa melalui penerapan model pembelajaran *Problem Based Learning* (PBL) dapat meningkatkan hasil belajar peserta didik. Hal tersebut dapat dilihat dari: (1) Adanya peningkatan rata-rata kelas dan ketuntasan belajar peserta didik. Rata-rata kelas pada pre-test sebesar 53,7, pada post-test siklus I sebesar 66,4, dan siklus II sebesar 79,9. Sedangkan ketuntasan belajar peserta didik pada pre-test sebesar 16,22%, pada post-test siklus I sebesar 40,54%, dan siklus II sebesar 89,19%. Dengan hasil seperti dapat disimpulkan bahwa adanya peningkatan hasil belajar siswa pada mata pelajaran pemeliharaan mesin kendaraan ringan setelah di terapkan model pembelajaran PBL.



Kata Kunci: *Problem Based Learning (PBL)*, Hasil Belajar

## ABSTRACT

Alhadi Khairullah: *Application of the Problem Based Learning (PBL) Learning Model to Improve Learning Outcomes in Light Vehicle Engine Maintenance Subjects Light Vehicle Engineering Skills Competency at SMK Negeri 1 Kutalimbaru. Essay, Faculty of Engineering, Unimed*. 2024

Low student participation in learning activities, few students are active in the learning process, learning media is not varied, there is no use of learning media in the form of videos or images, there has been no use of the PBL learning model, student learning outcomes do not reach an average score of 60, while the KKM for Automotive Engineering Vocational subjects is 70. This study aims to improve student learning outcomes in the light vehicle engineering expertise competency of class XI TKRO SMK Negeri 1 Kutalimbaru through the application of the Problem Based Learning (PBL) learning model.

This research is a Classroom Action Research (PTK) with the Kurt Lewin model which is carried out in three cycles because it has achieved the indicators of successful action. The subjects of this study were 37 students in class XI TKRO SMK Negeri 1 Kutalimbaru in the 2023/2024 Academic Year. The data collection technique in this study used observation, learning outcome tests, and documentation.

The results of the study showed that through the application of the Problem Based Learning (PBL) learning model, it can improve student learning outcomes. This can be seen from: (1) There is an increase in the average class and student learning completion. The average class in the pre-test was 53.7, in the post-test cycle I was 66.4, and cycle II was 79.9. While the student learning completion in the pre-test was 16.22%, in the post-test cycle I was 40.54%, and cycle II was 89.19%. With such results, it can be concluded that there is an increase in student learning outcomes in the subject of light vehicle engine maintenance after the PBL learning model was applied.

Keywords: Problem Based Learning (PBL), Learning Outcomes