

ABSTRAK

Micael Leonardo Raymond Vannes Purba, *Penerapan Model Pembelajaran Kooperatif Tipe Group Investigation (GI) Untuk Meningkatkan Hasil Belajar Mata Pelajaran Teknik Kendaraan Ringan Materi Sistem Engine Kendaraan Ringan Siswa Kelas XI Program Keahlian Teknik Kendaraan Ringan SMKN 4 Medan. Skripsi*. Fakultas Teknik Universitas Negeri Medan. 2024.

Penelitian dalam skripsi ini dilatar belakangi karena pada saat ini kegiatan proses belajar mengajar masih berpusat kepada guru, sehingga proses belajar mengajar hanya satu arah dan tidak terlalu melibatkan peserta didik sehingga hasil belajar yang diperoleh rendah. Maka oleh karena itu, tujuan dari penelitian ini yaitu untuk mengetahui apakah model pembelajaran kooperatif tipe group investigation dapat meningkatkan hasil belajar siswa pada mata pelajaran teknik kendaraan ringan di kelas XI Program Keahlian Teknik Kendaraan Ringan SMK Negeri 4 Medan. Penelitian ini merupakan Penelitian Tindakan Kelas (PTK) dengan menerapkan model pembelajaran Kooperatif Tipe Group Investigation (GI). Subjek penelitian ini adalah siswa kelas XI Teknik Kendaraan Ringan SMK Negeri 4 Medan tahun ajaran 2024/2025 yang berjumlah 30 siswa. Data hasil penelitian diperoleh dari hasil observasi dan tes kognitif selama kegiatan proses pembelajaran teknik kendaraan ringan, dengan menghitung nilai rata-rata keseluruhan aspek yang di amati berdasarkan setiap tindakan dalam beberapa siklus yang diterapkan. Hasil penelitian ini menunjukkan bahwa penerapan model pembelajaran kooperatif tipe Group Investigation (GI) dapat meningkatkan hasil belajar teknik kendaraan ringan pada materi sistem engine teknik kendaraan ringan berdasarkan hasil yang diperoleh dengan nilai rata-rata kelas XI Program Keahlian Teknik Kendaraan Ringan yang dimana pada siklus I sebesar 76,8 sedangkan pada siklus II yaitu menjadi 82,26. Maka rata-rata kelas naik sebesar 5,46%. Tidak hanya itu saja dan juga berdasarkan persentase ketuntasan siswa yang berawal pada siklus I sebesar 66,6% menjadi 86,6% pada siklus II.

Kata Kunci: Pembelajaran, kooperatif, Group Investigation (GI), hasil belajar.



ABSTRACT

Micael Leonardo Raymond Vannes Purba, *Implementation of Group Investigation (GI) Type Cooperative Learning Model to Improve Learning Outcomes in Light Vehicle Engineering Subjects on Light Vehicle Engine System Material for Grade XI Students of Light Vehicle Engineering Expertise Program at SMKN 4 Medan. Thesis. Faculty of Engineering, State University of Medan. 2024.*

The background of this research in this thesis is because currently the teaching and learning process activities are still centered on the teacher, so that the teaching and learning process is only one way and does not involve students too much so that the learning outcomes obtained are low. Therefore, the purpose of this study is to determine whether the group investigation type cooperative learning model can improve student learning outcomes in light vehicle engineering subjects in grade XI of Light Vehicle Engineering Expertise Program at SMKN 4 Medan. This research is a Classroom Action Research (CAR) by implementing the Group Investigation (GI) Type Cooperative learning model. The subjects of this study were grade XI students of Light Vehicle Engineering at SMKN 4 Medan in the 2024/2025 academic year totaling 30 students. The research data were obtained from the results of observations and cognitive tests during the learning process of light vehicle engineering, by calculating the average value of all aspects observed based on each action in several cycles applied. The results of this study indicate that the application of the Group Investigation (GI) type cooperative learning model can improve learning outcomes of light vehicle engineering on the material of light vehicle engineering engine systems based on the results obtained with the average value of class XI of the Light Vehicle Engineering Expertise Program where in cycle I it was 76.8 while in cycle II it became 82.26. So the class average increased by 5.46%. Not only that, but also based on the percentage of student completion which started in cycle I of 66.6% to 86.6% in cycle II.

Keywords: Learning, cooperative, Group Investigation (GI), learning outcomes.

