ABSTRAK

POLTAK SIBORO, NIM. 5153111038. Penerapan Model *Inquiry Training* Terhadap Aktivitas Dan Hasil Belajar Mata Pelajaran mekanika Teknik Program Keahlian DPIB Smk Negeri 1 Percut Sei Tuan
Penelitian ini merupakan penelitian tindakan kelas yang dilakukan pada siswa kelas X Kompetensi Keahlian Desain Pemodelan dan Informasi Bangunan SMK Negeri 1 Percut Sei Tuan terdiri dari 35 siswa. Penelitian ini dilakukan 2 siklus dengan tahapan tiap siklus meliputi perencanaan, pelaksanaan, pengamatan, dan refleksi dengan materi menganalisis tegangan-tegangan pada siswa kelas X DPIB mata pelajaran Mekanika Teknik pada siklus I dan materi menganalisis tegangan-tegangan pada siswa kelas X DPIB mata pelajaran Mekanika Teknik pada siklus II.Pada penelitian ini melalui pengamatan dan lembar soal sebagai instrument yang mengukur hasil belajar kognitif. Analisa data menunjukkan hasil belajar siklus I memperoleh nilai rata-rata 79.80 dengan persentase kelulusan 80% (Ketuntasan Klasikal) dan 82.48 dengan persentase kelulusan 94.28% (Ketuntasan Klasikal).

Dari analisa data siklus I dan Siklus II menunjukkan hasil belajar kognitif meningkat. Dimana persentase kelulusan siswa meningkat sebesar 14,28% . Dari analisa data yang dipaparkan disimpulkan bahwa dengan menerapkan model pembelajaran *Inquiry Training* dapat meningkatkan hasil belajar kognitif siswa dalam menganalisis tegangan-tegangan pada siswa kelas X DPIB mata pelajaran Mekanika Teknik siswa kelas X DPIB SMK Negeri 1 Percut Sei Tuan.

Kata Kunci : Hasil Belajar, Model *Inquiry Training*, Mekanika Teknik

ABSTRACT

POLTAK SIBORO, NIM. 5153111038. Application of the Inquiry Training Model to the Activities and Learning Outcomes of the Engineering Mechanics Subject of the DPIB SMK Negeri 1 Percut Sei Tuan Skill Program.

This research is a classroom action research conducted on class X stundents of the Skills Competency in Modelling Design and Building Information at SMK Negeri 1 Percut Sei Tuan consisting of 35 students. This research was conducted in 2 cycles with stages of each cycle including planning, implementing, observing, and reflecting with the material of analyzing stresses in class X DPIB in Engineering Mechanics subjects in cycle I and material of analyzing stresses in class X DPIB in Mechanics subject Technique in cycle II. In this research, through observation and question sheets as instruments that measure cognitive learning outcomes. The data analysis showed that the learning outcomes of the first cycles obtained an average scores of 79,80 with a passing percentage of 80% (classical completeness) and 82,48 with a passing percentage og 94,28% (classical completeness). From the data analysis cycle I and cycle II, it shows that cognitive learning outcomes have increased. Where the percentage of student graduation increased by 14,28% . From the data analysis presented, it is concluded that applying the Inquiry Training learning model can improve student cognitive learning outcomes in analyzing stresses in class X DPIB students in Engineering Mechanics class X DPIB SMK Negeri 1 Percut Sei Tuan.

Keywords: Learning Outcomes, Inquiry Training Model, Engineering Mechanics