

## ABSTRAK

Indra Arya Gunawan (2017) “Efektivitas Penerapan *Project Based Learning* Pada Kompetensi Bodi Otomotif di Sekolah Menengah Kejuruan”. Departemen Pendidikan Teknik Mesin FPTK UPI.

Permendikbud No. 65 Tahun 2013 tentang Standar Proses, kegiatan inti menggunakan model pembelajaran, metode pembelajaran, media pembelajaran, dan sumber belajar yang disesuaikan dengan karakteristik peserta didik dan mata pelajaran. Penelitian ini bertujuan untuk mengetahui efektivitas penerapan *project based learning* pada kompetensi bodi otomotif di SMK. Penelitian ini merupakan penelitian deskriptif kualitatif. Subjek penelitian ditentukan dengan menggunakan teknik *purposive sampling* yaitu guru produktif Teknik Pembentukan Bodi Otomotif. Pengumpulan data dengan teknik observasi, wawancara dan studi dokumentasi. Instrumen pengumpulan data terdiri dari lembar observasi, lembar wawancara dan lembar dokumentasi. Keabsahan data diperoleh dengan *credibility, transferability, dependability* dan *confirmability*. Teknik analisis data dengan model analisis interaktif Miles & Huberman dengan empat kegiatan pokok: *data collection, data reduction, data display, dan conclusion drawing/ verifying*. Hasil penelitian menunjukkan subjek penelitian sudah melakukan 6 aspek sintaks *project based learning* dari mulai penentuan pertanyaan mendasar, mendesain perencanaan proyek, menyusun jadwal, monitoring, menguji hasil, mengevaluasi pengalaman pada pelaksanaan pembelajaran kompetensi bodi otomotif. Efektivitas penerapan *project based learning* dilihat dari rata – rata persentase ketercapaian produk peserta didik dari tiga kelompok, tingkat keberhasilan penerapan *project based learning* pada kompetensi bodi otomotif termasuk ke dalam kategori baik sekali/ optimal dan termasuk ke dalam tingkat cukup efektif.

Kata Kunci: Efektivitas, *project based learning*, kompetensi bodi otomotif

## ABSTRACT

**Indra Arya Gunawan (2017) “Effectiveness of Implementation Project Based Learning on Competence Automotive body in SMK”. Department of Mechanical Engineering Education FPTK UPI.**

Permendikbud no.65 2013 about standard the process, core activities use the model learning, a method of learning, learning model and source of learning adapted to characteristic school tuition and subject. Research aims to understand the effectiveness of the project based learning on competence automotive body in SMK. Research is research descriptive qualitative. Subject of study determined by using technique purposive sampling consisting of the productive technique the formation of automotive body. Data collection to technique observation, interviews and documentation. Validity of data is collected with credibility, transferability, dependability and confirmability. Technique data analysis with a analysis interactive model Miles and Huberman with four main activities, data collection, data reduction, data display, and conclusion drawing/ verifying. The result of the study showed subject of study had already taken six aspects of syntax project based learning the start of determination of basic question, design project plans, they checked schedules, monitoring, test the results, evaluate experience during the implementation of learning automotive body competence. Effectiveness of project based learning seen from flattened the percentage of product student tuition of three groups, level a success of the application of project based learning on competence automotive body is categorized splendidly/ optimized and are included in level of effective enough.

Keywords: Effectiveness, project based learning, competence automotive body