A B S T R A K

Muhammad Bachrawi Luthfi. NIM. 5133311006. Penerapan Model Pembelajaran *Contextual Teaching and Learning (CTL)* Untuk Meningkatkan Hasil Belajar Konstruksi Bangunan Pada Siswa Kelas X Program Keahlian Teknik Konstruksi Batu dan Beton SMK Negeri 2 Medan Tahun Pelajaran 2017/2018. Skripsi. Fakultas Teknik Universitas Negeri Medan.

Penelitian ini dilakukan berdasarkan masalah hasil belajar Konstruksi Bangunan pada siswa kelas X di SMK Negeri 2 Medan yang belum optimal. Penelitian ini menerapkan Model Pembelajaran *Contextual Teaching and Learning (CTL)*. Metode penelitian ini bersifat deskriptif yang bertujuan untuk mengetahui rata-rata hasil belajar siswa pada saat penelitian dilaksanakan.

Untuk perhitungan uji validitas butir digunakan rumus Koefisien Korelasi dengan subjek penelitian sebanyak 30 orang. Butir tes dikatakan valid apabila r_{pbis} > r_{tabel} pada taraf signifikan 5% atau sama dengan (0,367), sedangkan uji reliabilitas digunakan rumus K-R20.

Dengan menerapkan Model Pembelajaran ini didapat hasil tindakan yang dilakukan didapat rata-rata hasil belajar siswa setelah dilakukan penerapan Model Pembelajaran *CTL* mengalami peningkatan, dimana dari siklus I rata-rata hasil belajar siswa 69,76% dan pada siklus II menjadi 82,4% dengan peningkatan dari siklus I ke siklus II sebesar 12,64 %. Dari uraian tersebut berarti bahwa Penerapan Model Pembelajaran *CTL* meningkatkan hasil belajar.

Kata Kunci : *Model Pembelajaran Contextual Teaching and Learning, Penelitian Tindakan Kelas,Konstruksi Bangunan.*

A B S T R A C T

Muhammad Bachrawi Luthfi. NIM. 5133311006. The Implementation Of *Contextual Teaching and Learning* (*CTL*) **Model's to Improve Learning Outcomes On Building Construction Among Student Class X Engineering of Building Contruction Program, Vocational Secondary School 2, Medan, Academic Year 2017/2018. Essay. Engineering Faculty, State University of Medan.**

The research was aimed to improve result study on building construction among student class X Engineering of Building Construction skills program, State Vocational High School 2 Medan through *Contextual Teaching and Learning* (*CTL*) Learning Model's implementation. 30 student from class X Engineering of Building Contruction skills program, research methods used was descriptive to investigate student average learning outcomes at the time of research conducted.

Validity test using the formula of Correlation coefficient. Item was valid if $r_{counted} > r_{table}$ at the 5% of significance level or equal (0,367), meanwhile reliability test using the formula of K-R20.

The result of data analysis on implementation of *CTL* learning model are the student learning outcomes average by implementation of *CTL* learning model was increased, where at the first cycle, the student learning outcomes average was 69,76 while at the second become 82,4 increased by 12,64%. Base on the findings, it can be concluded that the Implementation Of *CTL* Learning Model's can improve result study.

Keywords : *Implementation of CTL Learning Model`s, Classroom Action Research, Building Construction.*