

**IMPLEMENTASI *CONTEXTUAL TEACHING AND LEARNING*
UNTUK MENINGKATKAN KOMPETENSI SISWA SMK
PADA PAKET KEAHLIAN TEKNIK SEPEDA MOTOR**

(Bambang Agusfianto, 1202653)

Abstrak

Penelitian ini dilatarbelakangi masih rendahnya motivasi siswa karena dampak guru masih menggunakan metode ceramah dan demonstrasi di kelas maupun *workshop* tanpa melibatkan kondisi lingkungan di sekitar siswa berada dan masih tingginya tingkat kegagalan pencapaian kompetensi sampai lebih dari 50% pada mata pelajaran perbaikan sistem transmisi otomatis. Penelitian ini dilaksanakan di SMKN 1 Simpangkatis Kabupaten Bangka Tengah Provinsi Kepulauan Bangka Belitung. Metode penelitian yang digunakan yaitu metode kuasi eksperimen dengan desain *nonequivalent control group design* menggunakan hasil *pretes* dan *posttest*. Instrumen yang digunakan adalah instrumen tes tertulis, tes kinerja, angket respon pembelajaran siswa dan lembar observasi pembelajaran. Peningkatan hasil tes tertulis di kelas eksperimen didapat dari rata-rata nilai *pretest* sebesar 43,3 meningkat rata-rata *posttest* sebesar 81,8 sehingga selisih peningkatan hasil tes tertulis (*gain*) sebesar 38,5 dan selisih peningkatan normal hasil tes tertulis (*n-gain*) sebesar 67,9. Peningkatan hasil tes tertulis di kelas eksperimen didapat dari rata-rata nilai *pretest* sebesar 42,9 meningkat rata-rata *posttest* sebesar 69,5 sehingga selisih peningkatan tes tertulis (*gain*) sebesar 26,6 dan selisih peningkatan normal hasil tes tertulis (*n-gain*) sebesar 46,6. Perbandingan nilai rata-rata hasil tes kinerja di kelas eksperimen didapat sebesar 87,9 sedangkan kelas kontrol nilai rata-rata sebesar 76,9 perbedaan hasil tes kinerja antara ke dua kelas adalah 11,0. Kesimpulan bahwa perbedaan peningkatan kompetensi perbaikan sistem transmisi otomatis paket keahlian Teknik Sepeda Motor yang menggunakan pendekatan *contextual teaching and learning* lebih baik daripada yang menggunakan pendekatan konvensional. Pada umumnya siswa memberikan tanggapan positif terhadap pembelajaran *contextual teaching and learning* dan perbedaan kompetensi siswa dilihat dari hasil tes tertulis dan tes kinerja.

Kata kunci : *pendekatan contextual teaching and learning (CTL), peningkatan kompetensi siswa SMK, perbaikan sistem transmisi otomatis*

**THE IMPLEMENTATION OF *CONTEXTUAL TEACHING AND LEARNING*
FOR INCREASING THE VOCATIONAL STUDENTS COMPETENCES IN
MOTORCYCLE TECHNICAL EXPERTISE PACKAGE**

(Bambang Agusfianto, 1202653)

Abstract

The problem of this research was still low motivation due to the impact of teachers still use the methods in the class lectures and demonstrations and workshops without involving the environmental conditions around the students and the high failure rate of attainment of competency to more than 50% of the subjects improved automatic transmission system. This study was conducted at SMK 1 Simpangkatis Central Bangka Regency of Bangka Belitung Islands. The method of the study was used the quasi-experimental design with nonequivalent control group design using a pretest and posttest results. The instrument was used a written test instruments, test performance, questionnaire responses of student learning and teaching observation sheet. The Improvement results of the written test in the experimental class obtained from the average pretest score of 43.3 increased by an average of 81.8 posttest written test so that the difference in improvement (gain) difference of 38.5 and a normal increase in the written test result (n-gain) sebesar 67.9. The Improvement results of the written test in the experimental class obtained from the average value increased by 42.9 average pretest-posttest average of 69.5 so that the increasing in the written test (gain) difference of 26.6 and a normal increase in the written test result (n-gain) sebesar 46.6. The comparison of the average test performance score in the experimental class obtained at 87.9 while value of the control class average was 76.9. The differences between the result performance test the two classes is 11.0. The conclusion that the differences from increasing the competence automatic transmission system improvements the motorcycle technical expertise package that uses contextual teaching and learning approach was better than that using the conventional approach. In general, the students gave positive responses to the learning contextual teaching and learning and student competency differences seen from the results of the written test and performance test.

Keywords: The approach to contextual teaching and learning (CTL), improving the quality of vocational students, the automatic transmission system improvements