

## ABSTRAK

**Sandi Suci Nugraha (2017). “Studi Tentang Kesiapan Kerja Siswa Kelas XI TKR Terhadap Kemampuan Praktik Sistem Rem Sebelum dan Setelah Praktik Kerja Industri di SMK Bakti Ilham Kabupaten Bandung” . Departemen pendidikan teknik mesin FPTK UPI.**

Penelitian ini dilatar belakangi oleh data jumlah pengangguran pada tahun 2015 yang mencapai 7,25 juta orang, dari jumlah tersebut 12,65% merupakan lulusan dari SMK dan dari data keterserapan dunia kerja lulusan di SMK Bakti Ilham 128 orang lulusan yang masih belum bekerja mencapai 48,5%. Praktik Kerja Industri (Prakerin) merupakan program yang diselenggarakan SMK untuk mempersiapkan siswa untuk bekerja di industri. Tujuan dilaksanakannya penelitian ini adalah untuk mengetahui kesiapan kerja siswa sebelum prakerin dan kesiapan kerja siswa setelah prakerin selanjutnya mengungkap perbedaan kesiapan kerja siswa sebelum dan setelah melaksanakan prakerin. Penelitian ini dilakukan dengan menggunakan metode deskriptif kuantitatif. Populasi dalam penelitian ini adalah siswa kelas XI SMK Bakti Ilham kompetensi keahlian teknik kendaraan ringan (TKR) sedangkan untuk sampel berjumlah 47 siswa keseluruhan dari populasi kelas XI TKR. Instrumen yang digunakan pada penelitian ini berupa angket dan *jobsheet* yang diberikan kepada siswa sebelum prakerin dan diberikan setelah siswa prakerin, instrumen tersebut diberikan untuk melihat peningkatan kesiapan kerja hasil prakerin siswa. Hasil penelitian menunjukkan peningkatan hasil kesiapan kerja siswa setelah prakerin dengan persentase 26%. sehingga dapat disimpulkan bahwa terdapat perbedaan kesiapan kerja siswa sebelum dan setelah melaksanakan prakerin. Berdasarkan hasil analisis uji hipotesis didapat  $t_{hitung} > t_{tabel}$  atau  $20,93 > 1,98$  dengan  $\alpha = 0,05$  maka  $H_0$  ditolak dan  $H_a$  diterima, artinya terdapat perbedaan kesiapan kerja siswa sebelum dan setelah melaksanakan prakerin siswa di SMK Bintara Kabupaten Bandung.

**Kata kunci:** Praktik Kerja Industri, Kesiapan Kerja.

## ABSTRACT

**Sandi Suci Nugraha (2017). "Study about Readiness of Work Student XI TKR of The Ability of Practice Brake System Before and After Work Practices Industry in Bakti Ilham Vocational High School Bandung Regency". Department of Education Mechanical Engineering FPTK UPI.**

This research is motivated by the total data of unemployment in 2015 reached 7.25 million people, of that total 12,65% are graduates of Vocational High School and from the data of working world absorption the graduate in Bakti Ilham Vocational High School 128 graduates didn't work yet reached 48,5%. Work Practices Industrial (Prakerin) is program that organized by Vocational to prepare the student to work in Industry. The objective of this research was to find out the readiness of students' work before prakerin and after prakerin furthermore reveal the differentiation the readiness of students' work before and after implementing prakerin. This research was done by using quantitative descriptive method. The population in this research is student grade XI Engineering Competence Light Vehicles of Bakti Ilham Vocational High School while for the total sample were 47 students for the whole of the population that are TKR grade XI. The instrument was used in this research was form of questionnaire and jobsheet which was given to the students before and after prakerin, that instrument was given to see an increase the work readiness of students' prakerin results. The results showed the increase of students' work readiness after prakerin with percentage 26%. So it was able to be concluded that there are differences in work readiness of students before and after implementing prakerin. Based on the analysis of hypothesis test obtained  $t_{count} > t_{table}$  or  $20,93 > 1,98$  with  $\alpha = 0,05$  so  $H_0$  is rejected and  $H_a$  is accepted, it's mean that there are differences in work readiness of students before and after implementing prakerin of student in Bakti Ilham Vocational High School Bandung Regency.

**Keywords:** Work Practices Industrial, Work Readiness.