PENGARUH MODEL PEMBELAJARAN KOOPERATIF TIPE JIGSAW TERHADAP HASIL BELAJAR SISWA KELAS X PADA MATA PELAJARAN PENGETAHUAN DASAR TEKNIK MESIN DI SMK ST ALOISIUS RUTENG

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ABSTRAK

Penelitian ini dilakukan dengan tujuan untuk mengetahui pengaruh model pembelajaran kooperatif tipe jigsaw terhadap hasil belajar siswa kelas X pada mata pelaja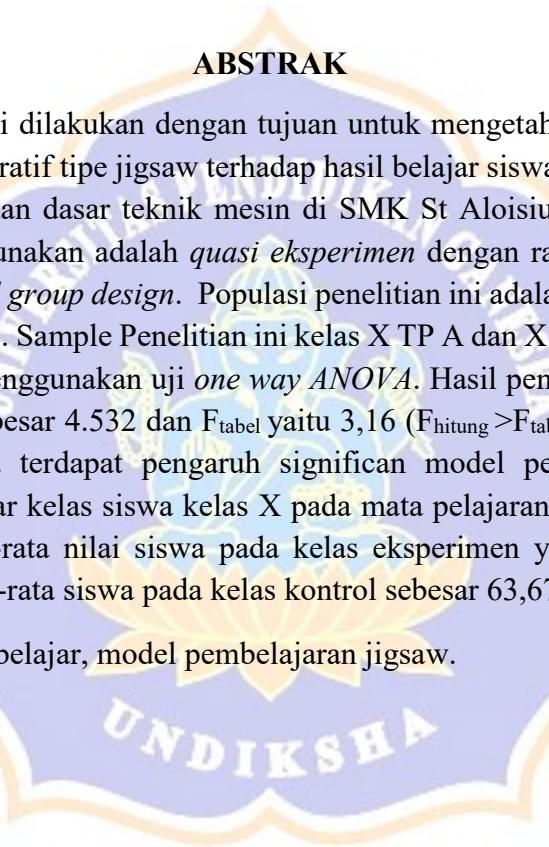ran pengetahuan dasar teknik mesin di SMK St Aloisius Ruteng. Metode penelitian yang digunakan adalah *quasi eksperimen* dengan rancangan penelitian *posttest only control group design*. Populasi penelitian ini adalah siswa kelas X TP (Teknik pengelasan). Sample Penelitian ini kelas X TP A dan X TP B. Analisis data kedua kelompok menggunakan uji *one way ANOVA*. Hasil penelitian menunjukan nilai F_{hitung} yaitu sebesar 4.532 dan F_{tabel} yaitu 3,16 ($F_{hitung} > F_{tabel}$) sehingga dapat disimpulkan bahwa terdapat pengaruh significan model pembelajaran jigsaw terhadap hasil belajar kelas siswa kelas X pada mata pelajaran pengetahuan dasar teknik mesin. Rata-rata nilai siswa pada kelas eksperimen yaitu sebesar 70,50, sedangkan nilai rata-rata siswa pada kelas kontrol sebesar 63,67.

Kata Kunci: Hasil belajar, model pembelajaran jigsaw.

THE EFFECT OF JIGSAW TYPE OF COOPERATIVE LEARNING MODEL ON LEARNING OUTCOMES OF CLASS X STUDENTS IN BASIC KNOWLEDGE OF MECHANICAL ENGINEERING LESSONS AT SMK ST ALOISIUS RUTENG

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ABSTRACT

This research was conducted with the aim of knowing the effect of the jigsaw cooperative learning model on the learning outcomes of class X students in the subject of basic knowledge of mechanical engineering at SMK St Aloisius Ruteng. The research method used is a quasi-experimental research design with a posttest only control group design. The population of this study were students of class X TP (Welding Engineering). The sample of this study was class X TP A and X TP B. Data analysis of the two groups used the one way ANOVA test. The results showed that the Fcount value was 4.532 and Ftable was 3.16 (Fcount > Ftable) so it could be concluded that there was a significant effect of the jigsaw learning model on the class X students' class learning outcomes in the subject of basic knowledge of mechanical engineering. The average value of students in the experimental class is 70.50, while the average value of students in the control class is 63.67.

Key words: Learning outcomes, jigsaw learning model.