

**PENGARUH MODEL *PROJECT BASED LEARNING* TERHADAP HASIL
BELAJAR TEKNIK PEMESINAN BUBUT KELAS XI TM DI SMK
NEGERI 3 SINGARAJA**

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ABSTRAK

Penelitian ini dilakukan dengan tujuan untuk mengetahui pengaruh model *Project Based Learning* terhadap hasil belajar siswa kelas XI pada mata pelajaran Teknik Pemesinan Bubut di SMK Negeri 3 Singaraja. Metode penelitian yang digunakan adalah quasi eksperimen dengan rancangan penelitian *posttest only control group design*. Populasi penelitian ini adalah siswa kelas XI TM. Sample Penelitian ini kelas XI TM 1 dan XI TM 2. Analisis data kedua kelompok menggunakan uji one way ANOVA. Hasil penelitian menunjukkan nilai Fhitung yaitu sebesar 3,37 dan Ftabel yaitu 3,19 (Fhitung > Ftabel) sehingga dapat disimpulkan bahwa terdapat pengaruh signifikan *model project based learning* terhadap hasil belajar kelas siswa kelas XI pada mata pelajaran Teknik pemesinan bubut. Rata-rata nilai siswa pada kelas eksperimen yaitu sebesar 80,88, sedangkan nilai rata-rata siswa pada kelas kontrol sebesar 68,38.

Kata Kunci: Hasil belajar, model project based learning, model problem based learning.

**THE INFLUENCE OF THE PROJECT BASED LEARNING MODEL ON
LEARNING OUTCOMES OF LATHE MACHINERY ENGINEERING
11TH CLASS MECHANICAL ENGINEERING AT STATE VOCATIONAL
SCHOOL 3 SINGARAJA**

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ABSTRACT

This research was conducted with the aim of finding out the effect of the Project Based Learning model on the learning outcomes of class 11th class students in the lathe machining engineering subject at state vocational school 3 singaraja. The research method used was quasi-experimental with a posttest only control group design. The population of this study was class 11th class mechanical engineering students. the sample for this study was class 11th class mechanical engineering 1 and 11th class mechanical engineering 2. Data analysis for both groups used the one way ANOVA test. The research results show that the Fcount value is 3.37 and Ftable is 3.19 (Fcount>Ftable) so it can be concluded that there is a significant influence of the project based learning model on the learning outcomes of class XI students in the lathe machining engineering subject. The average score of students in the experimental class was 80.88, while the average score of students in the control class was 68.38.

Keywords: Learning outcomes, project based learning model, problem based learning model.