

**PENGARUH MODEL PEMBELAJARAN BERBASIS PROYEK
TERHADAP HASIL BELAJAR SISTEM TATA UDARA SISWA KELAS
XI JURUSAN TEKNIK ELEKTRONIKA DI SMK NEGERI 3 SINGARAJA**

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ABSTRAK

Salah satu aspek yang sangat penting dalam proses pembelajaran adalah penerapan model pembelajaran yang efektif, yang tidak hanya mendorong penguasaan konsep, tetapi juga mengembangkan keterampilan praktis dan keaktifan siswa dalam proses belajar. Berdasarkan observasi awal yang dilakukan oleh peneliti di SMK Negeri 3 Singaraja, terlihat dari hasil wawancara peserta didik menyatakan bahwa kebanyakan peserta didik memerlukan pembelajaran yang lebih inovatif yang dapat meningkatkan minat belajar siswa pada mata pelajaran Teknik Elektronika. Dan berdasarkan tingkat ketuntasan mata pelajaran Teknik Elektronika dimana 65% siswa belum memenuhi KKM, maka dari itu peneliti melakukan penelitian Pengaruh Model Pembelajaran Berbasis Proyek Terhadap Hasil Belajar Sistem Tata Udara Siswa Kelas XI Jurusan Teknik Elektronika Di Smk Negeri 3 Singaraja dengan tujuan untuk meningkatkan hasil belajar siswa. Dari hasil penelitian didapatkan peningkatan hasil belajar yang cukup signifikan. Hal ini dibuktikan dengan hasil pengujian spss menggunakan uji N-Gain score 0,7501. Kemudian dari pengujian hipotesis didapatkan nilai signifikansi 0,001 yang H_0 ditolak, maka dapat dikatakan bahwa terdapat Pengaruh Model Pembelajaran Berbasis Proyek Terhadap Hasil Belajar Sistem Tata Udara Siswa Kelas XI Jurusan Teknik Elektronika Di Smk Negeri 3 Singaraja.

Kata kunci : Model Pembelajaran Berbasis Proyek, Hasil Belajar, Sistem Tata Udara

The Effect of the Project-Based Learning Model on the Learning Outcomes of Air Conditioning Systems for Grade XI Electronics Engineering Students at SMK Negeri 3 Singaraja

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ABSTRACT

One of the most important aspects of the learning process is the implementation of an effective learning model that not only encourages concept mastery but also develops students' practical skills and active participation in learning activities. Based on the preliminary observations conducted by the researcher at SMK Negeri 3 Singaraja, the interview results showed that most students needed a more innovative learning approach that could increase their interest in the Electronics Engineering subject. Furthermore, based on the level of learning mastery in the Electronics Engineering subject, where 65% of students had not yet achieved the Minimum Mastery Criteria (KKM), the researcher conducted a study entitled "The Effect of the Project-Based Learning Model on the Learning Outcomes of Air Conditioning Systems for Grade XI Electronics Engineering Students at SMK Negeri 3 Singaraja" with the aim of improving student learning outcomes. The results of the study showed a fairly significant improvement in learning outcomes. This was proven by the SPSS test results using the N-Gain test, which obtained a score of 0.7501. Furthermore, the hypothesis testing showed a significance value of 0.000, indicating that H_0 was rejected. Therefore, it can be concluded that there is a significant effect of the Project-Based Learning Model on the learning outcomes of Air Conditioning Systems for Grade XI Electronics Engineering students at SMK Negeri 3 Singaraja..

Keywords: Project Based Learning , Learning Outcomes, Air Conditioning System.