

ABSTRAK

Pembelajaran Teknologi Jaringan Berbasis Luas (WAN) di SMK Nurul Mukmin masih menggunakan model konvensional dan metode ceramah sehingga siswa pasif dalam pembelajaran yang mempengaruhi dalam hasil belajar siswa. Oleh karena itu, perlu ada model pembelajaran yang dapat membantu siswa aktif dalam pembelajaran. Penelitian bertujuan untuk mengetahui perbedaan hasil belajar siswa putra dan siswa putri dalam model pembelajaran *Problem Based Learning* pada mata pelajaran teknologi jaringan berbasis luas (WAN) Di SMK Nurul Mukmin Ketapang Laok Sampang dan Keterlaksanaan model pembelajaran *Problem Based Learning* (PBL) di SMK Nurul Mukmin. Desain penelitian yang digunakan yaitu *quasi experimental design* dengan *nonequivalent multiple group design*. Penelitian dilaksanakan di SMK Nurul Mukmin Ketapang Laok Sampang pada bulan Mei tahun pelajaran 2018/2019 pada semester genap dengan populasi seluruh siswa kelas XI. Sampel kelas XI TKJ A (putra) dan XI TKJ B (putri). Materi pelajaran yang digunakan adalah teknologi jaringan berbasis luas (WAN). Teknik analisis data menggunakan uji t sampel bebas. Berdasarkan hasil penelitian dapat disimpulkan bahwa; (1) ada perbedaan hasil belajar siswa putra dengan siswa putri dalam model pembelajaran *Problem Based Learning* (PBL), nilai $t_{hitung} \geq t_{tabel}$ yaitu $2,628 \geq 2,024$ maka H_0 ditolak dan H_a diterima, (2) Siswa putri memiliki nilai hasil belajar lebih tinggi dari pada siswa putra, (3) Keterlaksanaan pembelajaran dengan model pembelajaran *Problem Based Learning* (PBL) terlaksana seluruhnya dan terlaksana dengan baik.

Kata Kunci: Hasil Belajar, Model Pembelajaran *Problem Based Learning* (PBL), Teknologi Jaringan Berbasis Luas (WAN)

ABSTRACT

Broad-based Network Technology Learning (WAN) at SMK Nurul Mukmin still uses conventional models and lecture methods so that passive students in learning can influence student learning outcomes. Therefore, there needs to be a learning model that can help students be active in learning. The study aims to determine the differences in learning outcomes of male and female students in the Problem Based Learning model on broad-based network technology (WAN) subjects at SMK Nurul Mukmin Ketapang Laok Sampang and the Implementation of Problem Based Learning (PBL) learning models at SMK Nurul Mukmin. The research design used was quasi experimental design with nonequivalent multiple group design. The study was conducted at SMK Nurul Mukmin Ketapang Laok Sampang in May 2018/2019 in the even semester with a population of all students in class XI. Sample class XI TKJ A (male) and XI TKJ B (female). The subject matter used is broad-based network technology (WAN). The data analysis technique uses the free sample t test. Based on the results of the study it can be concluded that; (1) there are differences in learning outcomes between male students and female students in the Problem Based Learning (PBL) learning model, the value of table $t_{hitung} \geq t_{tabel}$ is $-2,024 \leq 2,628 \leq 2,024$ then H_0 is rejected and H_a is accepted, (2) Female students have value the value of learning outcomes is higher than that of male students, (3) The implementation of learning with Problem Based Learning (PBL) learning models is carried out entirely and implemented well.

Keywords: *Learning Outcomes, Problem Based Learning (PBL) Learning Models, Broad-Based Network Technology (WAN)*