

**EFEKTIVITAS PENGGUNAAN E-LEARNING BERBASIS MOODLE DI
SMK KARYA GUNA KELAS XI TKJ II MATERI AJAR PRAKTIK
JARINGAN KOMPUTER**

ABSTRAK

Penelitian ini dilakukan dengan tujuan untuk melihat sejauh mana peserta didik dan guru menerima *e-learning* berbasis *moodle* pada SMK Karya Guna dalam proses pembelajaran kedepannya. Penelitian ini menggunakan pendekatan penelitian dan pengembangan (Research and Development) yang bertempat di SMK Karya Guna. Penelitian dilakukan sejak Agustus 2017 hingga Juli 2018. Penelitian ini dilakukan terhadap siswa kelas XI TKJ II dan guru TKJ SMK Karya Guna yang telah mengikuti mata pelajaran praktik jaringan komputer. Tahapan dari penelitian ini adalah penelitian terhadap produk yang telah ada, perencanaan pengembangan produk, pembuatan produk, uji coba produk, revisi produk dan implementasi. Penelitian ini diujikan kepada dosen ahli media, ahli e-learning, siswa dan guru. Hasil pengujian dari ahli media mendapatkan presentase 88%, oleh ahli e-learning sebesar 85,71%, oleh siswa dan guru kelompok besar yaitu 90% & 92,26%. Berdasarkan hasil uji tersebut, dapat disimpulkan bahwa e-learning berbasis moodle ini sesuai dan dapat diterima dengan baik untuk pembelajaran mata pelajaran praktik jaringan komputer.

Kata kunci: e-learning, moodle, TAM

**EFFECTIVENESS OF THE USE OF MOODLE-BASED E-LEARNING IN
THE CLASS XI TKJ II SMK KARYA GUNA OF TEACHING
COMPUTER NETWORK**

ABSTRACT

This research was conducted with the aim to see the extent to which students and teachers in receive moodle based e-learning in SMK Karya Guna in the future learning process. This study uses a research and development approach (Research and Development) which takes place in SMK Karya Guna. The study was conducted from Agustus 2017 until July 2018. This research was conducted on class XI students of TKJ II and TKJ teachers SMK Karya Guna who have followed the subjects of computer network practice. The stages of this research are research on existing products, product development planning, product manufacturing, product testing, product revision and implementation. This research was tested on media experts, e-learning experts, students and teachers. The test results from media experts received a percentage of 88%, by e-learning experts of 85,71%, by students and large groups of teachers namely 90% and 92,26%. Based on the results of these tests, it can be concluded that this moodle-based e-learning is appropriate and can be well received for learning subjects in computer network practices.

Keyword: e-learning, moodle, TAM