

**MEMBUKA POTENSI KETERAMPILAN VOKASIONAL: BAGAIMANA
PREFERENSI SISWA SMK TERHADAP PENGGUNAAN TEKNOLOGI
DIGITAL GURU MEMENGARUHI KEMAHIRAN TEKNIS
TELEKOMUNIKASI**

SKRIPSI

*Diajukan Sebagai Salah Satu Syarat Untuk Memperoleh Gelar Sarjana
Pendidikan Teknik Elektro Konsentrasi Teknik Telekomunikasi*



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Membuka Potensi Keterampilan Vokasional: Bagaimana Preferensi Siswa SMK terhadap Penggunaan Teknologi Digital Guru Mempengaruhi Kemahiran Teknis Telekomunikasi

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Sebuah skripsi yang diajukan untuk memenuhi salah satu syarat dalam memperoleh gelar Sarjana Pendidikan pada Fakultas Pendidikan Teknologi dan Kejuruan

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ABSTRAK

MEMBUKA POTENSI KETERAMPILAN VOKASIONAL: BAGAIMANA PREFERENSI SISWA SMK TERHADAP PENGGUNAAN TEKNOLOGI DIGITAL GURU MEMENGARUHI KEMAHIRAN TEKNIS TELEKOMUNIKASI

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Kompetensi digital sangat penting dimiliki oleh guru dalam memanfaatkan teknologi digital dalam proses pembelajaran di era sekarang. Terlebih lagi, guru SMK dihadapkan pada tantangan bagaimana merancang strategi pembelajaran yang efektif dengan memanfaatkan teknologi digital untuk meningkatkan keterampilan vokasional siswa. Tujuan penelitian ini untuk mengetahui preferensi siswa SMK mengenai penggunaan teknologi digital guru dan pengaruhnya terhadap keterampilan vokasional siswa pada pembelajaran VSAT. Penelitian terkait topik ini jarang diteliti kepada siswa SMK, padahal pemahaman siswa terkait kompetensi digital guru terhadap keterampilan vokasionalnya dapat memberikan pemahaman yang lebih baik tentang bagaimana penggunaan teknologi digital dapat meningkatkan keterampilan vokasionalnya dan mempersiapkan siswa untuk sukses di dunia kerja. Metode kuantitatif digunakan pada penelitian ini dengan analisis data secara deskriptif dan regresi linear sederhana. Pengambilan data dilakukan dengan cara menyebarkan kuesioner secara langsung dan *online* menggunakan *google form* yang berisi pertanyaan-pertanyaan dan diisi secara sukarela oleh 123 siswa yang terdiri dari tiga SMK di wilayah Bandung dan Cimahi. Temuan penelitian ini menunjukkan preferensi siswa terhadap penggunaan teknologi digital guru berada pada kategori baik dengan interval penilaian sebesar 78.2%. Selain itu, ditemukan juga pengaruh yang positif antara preferensi siswa SMK mengenai penggunaan teknologi digital guru terhadap keterampilan vokasional siswa pada pembelajaran VSAT. Penelitian ini diharapkan menjadi bahan masukan bagi guru dan sekolah untuk memberikan metode pembelajaran yang mendukung pengembangan keterampilan vokasional siswa dengan memanfaatkan teknologi digital secara optimal.

Kata Kunci: Penggunaan teknologi digital guru, keterampilan vokasional.

ABSTRACT

UNLOCKING THE POTENTIAL OF VOCATIONAL SKILLS: HOW VOCATIONAL HIGH SCHOOL STUDENTS' PREFERENCES FOR TEACHERS' USE OF DIGITAL TECHNOLOGY INFLUENCE TELECOMMUNICATION TECHNICAL SKILLS

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Digital competence is crucial for teachers to utilize digital technology in the current era of learning. Especially for vocational high school (SMK) teachers, they face the challenge of designing effective learning strategies by harnessing digital technology to enhance students' vocational skills. The research aims to investigate SMK students' preferences regarding the use of digital technology by teachers and its influence on their vocational skills in VSAT (Vocational Satellite). While this topic has been rarely studied among SMK students, understanding students' perception of teachers' digital competence and its impact on their vocational skills can provide valuable insights into how digital technology usage can enhance vocational skills and better prepare students for success in the workforce. This study employs a quantitative method with descriptive and simple linear regression analysis. Data collection involved distributing questionnaires directly and online through Google Forms, which were voluntarily filled out by 123 students from three SMKs in the Bandung and Cimahi regions. The research findings reveal that students' preferences for teachers' use of digital technology fall under the good category, with an assessment interval of 78.2%. Additionally, a positive influence is found between SMK students' preferences for teachers' use of digital technology and their vocational skills in VSAT. The study is expected to provide valuable input for teachers and schools to implement teaching methods that support the development of students' vocational skills through optimal utilization of digital technology.

Keywords: Teachers' digital competence, vocational skills.

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