

ABSTRAK

Varizi: Analisis Keberlangsungan SMK Swasta Yayasan Wanita Kereta Api Medan Dari Sisi Supply Siswa. Skripsi. Falkutas Teknik Universitas Negeri Medan. 2023.

Penelitian ini bertujuan untuk mengetahui: (1) Kecenderungan keberlangsungan masing-masing jurusan di SMK Swasta Yayasan Wanita Kereta Api Medan, (2) Kecenderungan minat siswa yang sudah masuk di SMK Swasta Yayasan Wanita Kereta Api Medan, (3) kecenderungan asal SMP terhadap partisipasi siswa dalam memilih dan bersekolah di SMK Swasta Yayasan Wanita Kereta Api Medan (4) Kecenderungan antara tingkat kemampuan ekonomi siswa dengan keberlangsungan SMK Swasta Yayasan Wanita Kereta Api Medan.

Penelitian ini merupakan penelitian *ex post facto*, menggunakan metode kuantitatif dengan jumlah populasi siswa sebanyak 243. Besarnya sampel ditentukan dengan rumus Slovin dan teknik *simple random sampling* diperoleh 151 siswa sebagai sampel penelitian. Teknik pengumpulan data yang digunakan dalam penelitian ini menggunakan angket dan dokumentasi. Uji validitas instrumen menggunakan validasi dengan pihak ahli (*expert judgement*), rumus *product moment* dan uji reliabilitas menggunakan rumus *koefisien alpha*.

Hasil penelitian menunjukkan bahwa (1) Jurusan TBSM, OTKP, TP, TKJ, TITL, dan AKL menghadapi tantangan keberlangsungan akibat penurunan jumlah siswa setiap tahunnya (2) Tingkat minat siswa tertinggi terlihat pada jurusan Teknik Instalasi Tenaga Listrik (TITL) dengan 50.00% dan Teknik Komputer Jaringan (TKJ) dengan 59.26%. (3) Mayoritas siswa berasal dari SMP swasta biasa di wilayah perkotaan yang memiliki akses mudah ke SMK terdekat. Mayoritas daerah SMP siswa memiliki tingkat pembangunan yang tinggi. (4) Tingkat kecenderungan ekonomi siswa pada kelas bawah (*lower class*) memperlihatkan ekonomi siswa dari segi pekerjaan, pendidikan, pendapatan, pemilikan, jenis tempat tinggal, jumlah tanggungan orangtua, bantuan sosial, uang saku, moda transportasi.

Kata Kunci: Keberlangsungan, SMK Swasta, *Supply* Siswa

ABSTRACT

Varizi: *Analysis of Sustainability of SMK Yayasan Wanita Kereta Api Medan from the Student Supply Perspective, Essay, Faculty of Engineering, State University of Medan, 2023.*

This research aims to determine: (1) The sustainability trends of each department at the Private Vocational School of the Women's Railway Foundation in Medan, (2) The interest trends of students who have enrolled in the Private Vocational School of the Women's Railway Foundation in Medan, (3) The trends of the originating junior high schools in relation to student participation in choosing and attending the Private Vocational School of the Women's Railway Foundation in Medan, and (4) The trends between students' economic ability levels and the sustainability of the Private Vocational School of the Women's Railway Foundation in Medan.

This research is an ex post facto study, using a quantitative method with a total population of 243 students. The sample size was determined using the Slovin formula, and through simple random sampling technique, 151 students were selected as research samples. Data collection techniques used in this study included questionnaires and documentation. Instrument validity was assessed through expert validation, the product moment formula, and instrument reliability was tested using the alpha coefficient formula.

The research findings indicate that: (1) The departments of TBSM, OTKP, TP, TKJ, TITL, and AKL face sustainability challenges due to a decrease in the number of students each year. (2) The highest level of student interest is observed in the departments of Electrical Power Installation Engineering (TITL) with 50.00% and Computer Network Engineering (TKJ) with 59.26%. (3) The majority of students come from ordinary private junior high schools in urban areas with easy access to the nearest vocational school. Most of the junior high school areas have high levels of development. (4) The economic trends among students in the lower class indicate economic aspects related to employment, education, income, ownership, housing type, parental responsibilities, social assistance, allowance, and transportation mode.

Keywords: School Sustainability, Private Vocational Schools, Student Supply.