

## **ABSTRACT**

**Rince Tridiana, 2020. 21st Century Teacher Skills in Vocational High Schools (SMK).**

*This study aims to First, reveal the application of 21st century teacher skills at SMK Negeri 1 Tanjung Raya in terms of life and career skills, learning and innovation, as well as technology and information media at SMK Negeri 1 Tanjung Raya, and Secondly reveal differences in the application of 21st century teacher skills between Mechanical Engineering/Light Vehicle Engineering majors and Building Engineering Engineering/Property Construction Engineering.*

*The subjects in this study were 53 SMK Negeri 1 Tanjung Raya Teachers. Data collected through the distribution of questionnaires to teachers as respondents. Data is processed through tests of normality, homogeneity and hypothesis.*

*The results showed that: 1) 21st century teacher skills at SMK Negeri 1 Tanjung Raya viewed from life and career skills, learning and innovating, as well as technology and information media at SMK Negeri 1 Tanjung Raya are in very good interpretation. 2) There are differences in the application of 21st century teacher skills between the Department of Mechanical Engineering/Light Vehicle Engineering and the Department of Building Engineering / Property Construction Engineering. Tebukti The application of TGB/TKP majors is higher in 21st century skills than TM/TKR majors. The implication of this research is in the form of providing skills training to productive teachers and carrying out further socialization of the skills that teachers need to master. The novelty of this research in the form of research subjects in the form of teachers.*

**Keywords:** *Teacher Skills, 21st Century, Vocational School, TM/TKR Department, TGB/TKP Department.*

## **ABSTRAK**

**Rince Tridiana, 2020. Keterampilan Guru Abad 21 di Sekolah Menengah Kejuruan (SMK). Tesis Pascasarjana Fakultas Teknik Universitas Negeri Padang.**

Penelitian ini bertujuan untuk Pertama, mengungkapkan penerapan keterampilan guru abad 21 di SMK Negeri 1 Tanjung Raya dilihat dari keterampilan hidup dan berkarir, belajar dan berinovasi, serta teknologi dan media informasi di SMK Negeri 1 Tanjung Raya, dan Kedua mengungkapkan perbedaan penerapan keterampilan guru abad 21 antar jurusan Teknik Mesin/Teknik Kendaraan Ringan dan Jurusan Teknik Gambar Bangunan/Teknik Kontruksi Properti.

Subjek dalam penelitian ini adalah Guru SMK Negeri 1 Tanjung Raya, sebanyak 53 Guru kejuruan. Data dikumpulkan melalui pembagian angket kepada guru selaku responden. Data diolah melalui uji normalitas, homogenitas dan hipotesis.

Hasil penelitian menunjukkan bahwa: 1) Keterampilan guru abad 21 di SMK Negeri 1 Tanjung Raya dilihat dari keterampilan hidup dan berkarir, belajar dan berinovasi, serta teknologi dan media informasi di SMK Negeri 1 Tanjung Raya berada pada tingkat sangat baik. 2) Terdapat perbedaan penerapan keterampilan guru abad 21 antara Jurusan Teknik Mesin/Teknik Kendaraan Ringan dan Jurusan Teknik Gambar Bangunan/Teknik Kontruksi Properti. Tebukti Pada jurusan TGB/TKP lebih tinggi penerapan keterampilan abad 21 dibanding jurusan TM/TKR. Implikasi penelitian ini berupa pemberian pelatihan keterampilan kepada guru produktif dan melaksanakan sosialisasi lebih lanjut mengenai keterampilan yang perlu dikuasai guru. Kebaruan penelitian ini berupa subjek penelitiannya berupa guru.

**Kata kunci:** Keterampilan Guru, Abad 21, SMK, Jurusan TM/TKR, Jurusan TGB/TKP.