

## ABSTRACT

*Smart school is a development to improve the quality of education with the relevance of the use of technology as a response to the industrial revolution 4.0. The implementation of smart school in Vocational High Schools is expected to create student graduates who have skills that are in accordance with current industry needs and can be absorbed in the world of work. Teachers are influential people in technology-based learning activities in a smart school environment, which directs education and students to the goals they want to achieve so that they are required to continue to have relevant abilities and qualities through the performance they produce.*

*This study aims to investigate how the principal's digital leadership, teacher digital competency, and teacher motivation and their influence on teacher performance in the implementation of smart school at SMK X. The novelty in this study is the application to the implementation of smart school. The method used is quantitative and the sample in this study uses non-probability sampling with a saturated sampling technique that selects the entire population as a research sample, namely 110 teachers. The questionnaire was used to collect primary data on 110 teacher samples at SMK X. The data analysis techniques used in this study include descriptive and verification through partial least squares (PLS) structural equation modeling (SEM).*

*The results of the descriptive analysis study are that digital leadership is in the good category, digital competency is in the competent category, teacher motivation is in the high category, and teacher performance is in the good category. Furthermore, the results of the hypothesis test are that partially each variable of digital leadership, digital competency and motivation has a significant positive effect on teacher performance, and simultaneously digital leadership, digital competence, and motivation have a significant effect on teacher performance with a determination coefficient  $R^2$  of 57.4%.*

*Keywords : Smart School, Digital Leadership, Digital Competency, Motivation, Teacher Performance*