

Improving Zerosicks-Based OSH Management Capabilities for JPTE Students using BeSmart

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ABSTRACT

Work accidents will result in a loss effect, both physical loss and loss of goods. Therefore workplace accidents must be prevented, or eliminated from the source, by implementing management at the work site. OSH Management is an effort to reduce the risk of accidents and occupational diseases. The application of OSH management is very important to be considered in carrying out practices in laboratories or workshops so that workers avoid various work accidents that can have an impact on work and can affect the quality of work. Implementation or learning OSH management is an effort to create a work environment that is safe, healthy and prosperous, free from work accidents and occupational diseases, and free from environmental pollution leading to increased productivity, as mandated in Law no. 1 of 1970 concerning Work Safety. In this study a blended learning model was arranged which aims to improve the ability to manage OSH based on zerosicks in college students. This research uses the Research and Development method which is guided by the ADDIE model, namely Analysis, Design, Development, Implementation and Evaluation. The results of the appropriateness of applications made with zerosicks material and guidance on how to manage OSH in order to improve the ability to manage OSH in JPTE students, who obtained "Decent" results with a score of 79% from material experts, 79% by media experts, and 73% from users. There is an increase in the ability of OSH management in JPTE students using the blended learning model as evidenced by the average value of the test results obtained better than the previous process that has not applied this model.

Kata Kunci: OSH Management, Zerosicks, Blended Learning