

Sustainability of technical and vocational training education based on instructors' competence

ABSTRACT

This Concept Paper discusses topics that focus on the competence of instructors to implement the sustainability of Technical and Vocational Training Education (TVET) in the Training Institution of the Department of Manpower (ILJTM). The application of sustainable development elements in the TVET system is a very important aspect of the principles of sustainable development. TVET instructors need to understand the goals and in-depth concepts of the theory and practice of sustainable development in meeting the changing needs of the world of work for the 21st century. To ensure the effectiveness in the implementation of TVET sustainability planned by the country is achieved, the competence of the teaching staff is the most important element to be emphasized. Thus, the teaching staff is the main leader in ensuring the direction of the implementation of TVET in ILJTM can be realized effectively. In this regard, the competence of the teaching staff, especially in the aspects of vocational knowledge, functional skills, values and professionalism on the implementation of TVET sustainability should be given due emphasis. This study was conducted to identify the influence of instructors' competence on the sustainability of TVET program in ILJTM. This study uses a non-experimental survey method by using a questionnaire. The study population will involve a total of 2198 ILJTM instructors nationwide by distributing 322 questionnaires to selected instructors after going through several combinations of random sampling such as stratified sampling method, cluster sampling and finally simple random sampling. A pilot study will be conducted at the Miri Industrial Training Institute (ILP) before the actual study is implemented. The findings of the quantitative study will be analyzed using IBM SPSS statistical analysis software version 26.0. It is hoped that the results of the study will be able to determine the influence of instructor competence on the implementation of TVET sustainability in ILJTM.