

# **Online Project-Based Learning (O-PjBL): Effectiveness in Teachers Training and Coaching in Vocational Education**

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## **ABSTRACT**

The effectiveness of project-based learning in vocational education is still a big question mark, especially when it is exacerbated by the presence of the covid 19 pandemic. Training and assistance in managing online learning to keep it interactive and productive are basic needs that must be met. This study aims to examine the concept of training and mentoring of the online project-based learning model (O-PjBL), and to determine the perception and effectiveness after it is implemented. Conceptual approach is used in conceptualizing the implementation of training and mentoring. Meanwhile, the data from the evaluation of training and mentoring will be tested, perceived and experimented with, to determine participant responses and the effectiveness of training and mentoring of online project-based learning models. A total of 70 vocational education teachers in the province of Yogyakarta were involved as the subjects of this study. Data were collected through questionnaire method, test method, and documentation method. Descriptive analysis, descriptive and inferential statistics were used to analyze the collected data. The resulting training and mentoring concept includes four steps, namely Plan, Do, Check, and Evaluate. The perception test of its application shows a very good category. Likewise, its application has been proven to be very effective in improving the understanding and quality of the resulting O-PjBL integrated learning plan.

*Kata Kunci: Training and Mentoring, Online Learning, Project Based Learning, Vocational Teachers*