

Training for the Development of Vocational Learning Tools in the Electronics Engineering Field at Vocational High Schools that Integrates Basic Skills and Cross-Functional Skills

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ABSTRACT

Teachers in vocational high schools in Yogyakarta still face difficulties in implementing the reconstruction of learning. Their understanding of vocational education as education for employment is also limited. Furthermore, in creating lesson plans (RPP), teachers do not pay attention to the level of students' needs, especially in preparing them for the world of work. Teachers play a crucial role in shaping and producing competent graduates who are prepared not only with basic skills but also with other skills needed today (cross-functional skills). The reconstruction of vocational learning in vocational high schools is essential as an effort to prepare students to meet the demands of the working world in the era of technological disruption.

One of the instructional tools that determine the success of the learning process is the RPP. Teachers are enthusiastic about participating in training activities and are committed to collecting the results of the developed RPP. The participants are aware of the need to integrate basic skills and cross-functional skills and are willing to apply them in the classroom. However, the changing of several curricula over the years has left participants confused about implementing various aspects, including those mandated for integration into the learning process.

Some of these issues have prompted the implementation team to carry out Community Service Activities (PkM) with the title "Training for the Development of Vocational Learning Tools in the Electronics Engineering Field at Vocational High Schools that Integrates Basic Skill and Cross-Functional Skill," consisting of the following stages: delivery of material 1, delivery of material 2, the creation of lesson plans (RPP), and assignments. In general, participants expressed very high satisfaction with this PkM program, with an index score of 81.71%. The importance of reconstructing education to align with the needs of the job market is crucial to prevent disparities between school learning and the demands of the workplace.

Increasing the capacity of teachers' comprehensive understanding of vocational education as education for employment requires regular guidance and support from relevant departments. Coordination with relevant departments for the integration of Basic Skill and Cross-Functional Skill is necessary to ensure that teachers do not face confusion during implementation. Other external efforts should be initiated to encourage teachers to independently and proactively engage in periodic instructional reconstruction.

Kata Kunci: learning materials, basic skills, cross functional skills