

TRAINING ON DEVELOPING OF PHYSICAL PRACTICUM TO SUPPORT COMPETENCY-BASED AND ITS INDICATOR OF THE CURRICULUM OF 2013 FOR PHYSICS TEACHERS OF MGMP VOCATIONAL SCHOOL, BANTUL DISTRICT

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ABSTRACT

This activity aims to provide the means for developing physics practicum according to the interest of vocational students to vocational physics teachers at the Vocational Physics MGMP in Bantul Regency, and to provide motivation for vocational physics teachers at the Bantul Regency Physics MGMP in generating creative ideas about simple physics practicum that can be applied in each school.

As the target of this program, there are 20 Vocational Physics teachers, both State and Private in the Bantul Regency area who are chosen with consideration of the Chairperson of the Vocational Physics MGMP in Bantul Regency. These activities were held in two meetings, namely on Friday and Saturday (7 & 8 September 2018) at the Laboratory of General Physics, FMIPA UNY attended by 16 physics teachers from State and Private Vocational Schools. The first meeting was held starting at 08.00 - 15.30 Western Indonesian Time, while the second meeting was held starting at 08.00 - 16.00 Western Indonesian Time. The training uses lecture methods, discussions, and question and answer questions about problems related to physics practicum, tips on creating physics practicum in vocational schools, preparation of practicum instructions, and practice of designing experiments individually based on topics provided by the Team and then presenting them.

Based on the findings of the assessment carried out, the assessment of skills in the form of performance (presentation) of the experimental design and assessment of the quality of the experimental design arranged individually, both in the category of very good (B). The results of the evaluation of participants' presentations in groups are in the very good category. Based on the set of success measures, this program can be implemented properly. In general, this activity was successful and right on target, it was proven that the participants were very enthusiastic in participating in the activities from the beginning to the end and all participants stated that these activities were useful. The hope is that participants who attend are pleased to pass on their knowledge to other teachers at their schools and other schools.

Kata Kunci: training, physics practicum, vocational physics teacher