

Training for Vocational Teacher's in Development of Integrated Chemistry Learning in Vocational Context

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ABSTRACT

Chemistry learning at SMK should be developed according to the needs of vocational students. Integrated chemistry learning in vocational contexts will increase the interest of vocational students to learn because the learning be more meaningful. This program aims to equip teachers with the knowledge of the importance of the integration of chemistry and vocational content, enrichment of chemistry applications in the context of vocational and motivating the chemistry teacher for developing a chemistry learning in vocational context

This program is aimed for vocational chemistry teacher. Program activity held on Saturday, October 22, 2016 in the courtroom I of FMIPA UNY. Participants who attended were 23 peoples. A total of 15 teachers from Technology and Engineering, 5 teachers from SMK of Health and 2 teachers from SMK Agribusiness and Agro technology. The programs carried out with lectures, discussions and assignments. The training materials provided includes; chemistry curriculum of vocational school, integration of chemistry content and vocational context, content enrichment of petroleum for engineering technology vocational, content enrichment of agricultural waste management for agribusiness and agro technology and enrichment the content of medicinal chemistry for health vocational school.

The results showed that the majority of the participants follow the event actively and responded very well to the training. The training activities are able to provide an initial understanding of the importance of integrating vocational context in chemistry learning in vocational school, improve understanding of chemistry teacher about the enrichment content of chemistry in vocational context and provide a very good motivation for teachers to develop chemistry learning in vocational context.

Kata Kunci: chemistry in vocational context, teacher training, chemistry teacher of vocational school, chemistry learning