

THE IMPLEMENTATION OF SCIENTIFIC LEARNING AT AUTOMOTIVE ENGINEERING STUDY PROGRAM IN VOCATIONAL HIGH SCHOOL IN SLEMAN

by Prof. Dr. Herminarto Sofyan, M.Pd., Dr. Zainal Arifin, M.T., Tafakur, S.Pd., M.Pd.

ABSTRACT

This study was aimed to know about implementation and problem of scientific learning on curriculum 2013 for Light Vehicle Engineering Study Program Vocational school in Sleman regency.

This research was quantitative research which used ex post facto approach. The population of this research were all teachers who taught productive and adaptive subjects in Light Vehicle Engineering Study Program which implement 2013 curriculum. Probability sampling technique was used to obtain 44 sample data from 4 SMK. Questionnaire and interview methods were used to obtain the data which was analyzed by qualitative description technique analysis.

According to the result of the data analysis, this study was concluded: (1) implementation of scientific learning on light vehicle study program seen from instruction planning, process, and evaluation process was generally conducted by the teachers fluently. However, learning process was not conducted by the teachers optimally. This condition was caused by some weakness on "questioning" and "communicating" process in the scientific learning phases. (2) Some problems were identified from the instruction planning, learning process, and the evaluations of the instruction such as: (a) difficulties for determining instructional model, (b) difficulties for determining learning material and observation sources, (c) limits of learning media, (d) time management for learning process, and (e) generating student motivation.

Kata Kunci: *Curriculum2013, Scientific learning, Learning problem*