

THE INFLUENCE OF MODULE LEARNING MODEL ON STUDENT
LEARNING ACHIEVEMENT IN MOTORCYCLE IGNITION LESSON IN
SMK MUHAMADIYAH 1 BAMBANGLIPURO BANTUL

ABSTRAK

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One of cause of the low student achievement is inappropriate implementation of learning models with the learning material. It is necessary to develop an alternative learning such as learning model with learning modules. The purpose of this research is to increase learning achievement by using a learning model in ignition motorcycle lesson in Engineering Program Motorcycle at SMK Muhamadiyah 1 Bambanglipuro Bantul.

This type of research is experimental research with the research group of quasi experiment control designs. The population in this study was the students of 11 grade of SMK Muhammadiyah 1 Bambanglipuro with the total number of 111 students. The sample was taken by accidental sampling technique. The number of sample was as many as 40 students divided into two groups: class A XI Motor as the experimental group and class XI of Motor B as a control group with the number of each group was 20 students. The method of data collection in this study was using test. The validity of this instrument was through the opinion of experts (judgment expert) and the instrument was grain analysis. Reliability of the instrument was tested using the KR 20 formula.

Based on the analysis of research data can be concluded that there was a significant increase in learning achievement between students given learning model class modules (class of experiments) with the class speech learning model (classes of control). The test proven by different analysis of the data (t-test) with the help of program computer for example, Microsoft Office Excel 2007, t_{hitung} more bigger than t_{tabel} with one tail test are $1,859 > 1,729$ with the acquisition of the experimental class average is greater than the class of control which is equal to $72,75 > 69,12$. Thus, the use a model of learning modules provide a positive influence on the student achievement.

.Key word: a model of learning modules, increased achievement.