

ABSTRACT

THE IMPLEMENTATION OF *COOPERATIVE LEARNING STRATEGIS* (CLS) WITH GROUP INVESTIGATION TYPE TO IMPROVED LEARNING RESULT AT CLASS X SMK 2 MUHAMMADIYAH BOROBUDUR

By:

Andriyanto Dwi Legowo
09503242008

The purposes of this research are 1) To determine students' achievement before being treated with cooperative learning methods Learning Strategic Investigation Group type, 2) To determine students' achievement after being treated with cooperative learning methods Learning Strategic Investigation Group type, 3) To determine the improvement in student achievement after treated with the Group Investigation, 4) To determine student achievement differences between students who were subjected to Group Investigation methods with students who were not given the treatment method of Group Investigation.

This research was quasi experimental design with nonequivalent control group design models. The population in this research are class X students at SMK Muhammadiyah 2 Borobudur that take engineering and the number of research samples were 68 students in grade XMA and XMB. Data obtained from the initial value (pretest) and the final value (posttest). The data obtained and analyzed by comparative statistical techniques with independent two-sample t test.

The results showed that 1) the achievement of student learning using learning methods investigation group has an average value of 72.56 and student achievement that without the use of teaching methods investigation group has an average value of 68.25; 2) There are differences in achievement student learning significantly between the classes that use the method of investigation and study group without using group investigation method of learning as indicated by the results of hypothesis testing (t-test) with t count bigger than t table ($2.792 > 2.000$).

Key words: Methods of learning, Student achievement.