

**THE INFLUENCE OF CONCEPT ATTAINMENT LEARNING  
MODEL ON STUDENT'S ACHIEVEMENT IN  
STATIC FLUID TOPIC OF CLASS XI  
SMAN 3 SIANTAR ACADEMIC  
YEAR 2015/2016**

**Evi Valentine Silalahi (Reg. Number 409322004)**

**ABSTRACT**

The objectives of this research are: (1) Student's achievement by using Conventional Learning. (2) Student's achievement by using Concept Attainment Learning Model. (3) The influence of Concept Attainment Learning Model on student's achievement.

The type of research is quasi experimental research. The population is all students of class XI IPA SMAN 3 Siantar Academic Year 2015/2016, consist of 6 classes. Two classes selected randomly as sample. One class as experiment class and another class as control class. Eksperiment class using Concept Attainment learning model and control class using conventional. Research data collected through Concept Attainment learning model and Conventional test in multiple choice. The test given twice before and after treatment (pretest and posttest). To test the hypothesis using t test, but previously must tested the normality and homogeneity of the data.

From the analysis of posttest data in experiment class, for Concept Attainment obtained the average score is 83.59. The testing criteria is accept  $H_0$  if  $t_{table}$  between -1.67 and 1.67, and rejected  $H_0$  if t has the other score. From the calculation result of concept attainment obtained  $t_{count} = 3.79$ , so  $H_0$  is rejected and  $H_a$  is accepted or in other word said that there are significant influence between Concept Attainment learning model and Conventional learning model on student's learning achievement.

Key word : Concept Attainment Learning Model, student's learning achievement.