

**THE EFFECT OF COOPERATIVE LEARNING MODEL GROUP INVESTIGATION (GI)  
ON STUDENT'S LEARNING CONCEPTUAL ACADEMIC KNOWLEDGE IN  
DYNAMIC ELECTRICITY IN CLASS X SMA NEGERI 1 SALAK 2014/2015**

**Mia Manik (Reg. Number 4113322006)**

**ABSTRACT**

The objective of this research was to analyze that learning outcomes of students by using cooperative learning model and using conventional learning in topic dynamic electric in SMA Negeri Salak 1 in Pak-Pak Bharat in academic year 2014/2015.

This research method was quasi experimental. The population was all students at class VII semester II consist of 6 classes SMA Salak 1 Pak-Pak Bharat. The sample of this research conduct two classes, class X-3 as the class experiment using cooperative learning group investigation model and X-4 as class control using conventional learning model and define by random cluster sampling. Instrument was using test objective type multiple choice with five choices to measure the effect learning outcomes physics in concept dynamic electricity the result of this research in experiment class was enough which average value is 52.88 and control class was less which the average value is 52.37.

By the average had learning outcomes using cooperative Group Investigation learning and conventional model. So that learning outcome had positive effect to students using group investigation learning model.

**Keyword:** Cooperative Learning, Conceptual Knowledge, Learning Outcomes