

**CORRELATION BETWEEN ANXIETY STUDENTS HAD BEFORE  
EXAM, STUDY ACHIEVEMENT AND “BRIEF NOTES”**

**A Case Study in Lectures on Mechanics I  
Academic Year 2004/2005 in Physics Education Program  
JPMIPA, FKIP, Sanata Dharma University**

**ABSTRACT**

**By : Ani Sulistiyowati**

This objectives of this research was to know the correlation between the anxiety student had before the exam, “brief notes” and the study achievement. Whether the brief notes that prepared before exam can reduce the anxiety of the students.

Data collecting technique was done with the anxiety testing to the students when they are going to do the exam on mechanics 1 with anxiety scale made by Dionisius Ery Wibowo. This research was conducted when the student had before mechanics 1 exam and the allowed to bring brief notes that was 15 minutes before test begin. Data obtained was analyzed by correlating the anxiety and the student achievement with the control variable: entry test to USD. The correlation used was partial correlation (SPSS version 11).

The result of this research suggested that the anxiety when students had before doing going to the exam affecting the achievement. The analysis obtained that after the study achievement was assumed as control variable, there was an increasing of correlation coefficient and also suggested the decreasing probability, which from  $p=0.047$  to  $p=0.043$ . Mean the data were more significant ( $p<0.05$ ). In addition , the brief notes can decrease the students anxiety who going to the exam. Nevertheless, the brief notes not result in the good effect to the student achievement in mechanics 1 exam, because the average student achievement obtained in this exam was 27,68.