LEARNING PROCESS COMPARISON IN FTI AND FMIPA ITS

Name : Eva Wahyu Hariyati
NRP : 1308 030 003
Department : Dipl. III Statistika FMIPA-ITS
Supervisor : Dra. Lucia Aridinanti, MT

Abstract
One of the successful measurement to determine the quality of learning process is lecturers teaching index. Based on the annual report conducted by P3AI ITS, it is informed that the department which acquires the highest IPD is FTI in mechanical engineering department (3.30) in odd and even semester in 2009-2010, since the average IPD of FTI is higher than FMIPA, this information is the result of a descriptive analysis. For the reason it needs to be re-examined whether the learning process in FTI is proved to be better than the one in FMIPA. The purpose of this research is to differentiate the way of lecturers teaching based on IPD as a variable process and to determine the capability of lecturers between FTI department and FMIPA department in odd and even semester during the curriculum 2009-2010. The result of the testing using analysis of variance is that the lecturers learning process in FTI is not different from FMIPA. This is because on the significant level of 5% there is no significant difference between FMIPA and FTI even though the IPD average score in FTI is higher than FMIPA from year to year, however statistically it cannot be said that the way of lecturers learning in FTI is better than FMIPA.

Keywords : IPD, NRMK, correlation, analysis of variance