

ABSTRACT

Evaluation is an activity to determine the learning achievement in educational institution which is identic to the assessment of learning outcomes. In college especially Telkom University, assessment of student learning outcomes measured by Grade Point Average (GPA). The first learning process for the new students in Telkom University is called Tahap Persiapan Bersama (TPB) which has regulation for students to graduate with a GPA more than 2,00. A research is being conducted to see the student's learning achievement in Industrial Engineering Faculty (IEF). and to see institution objectives match its realization by collecting data using Motivated Strategies for Learning Questionnaire (MSLQ) like students biodata, GPA score data, and learning strategy data.

The data is being converted to infomation by 5C conversion method consist of Contextualized, Categorized, Calculated, Corrected, and Condensed. The conversion process begins with data identification, understanding the benefits of data, grouping data into categories, perform calculations, making corrections, and summarize the information. The result of conversion data is information about value achievement and learning strategy from each student. The information from value achievement divided into value groups. The value groups collaborated with learning strategy information to see how learning strategy method had been used by IEC students.

The results of the study is the information from data conversion can be used as an evaluation of student learning success at TPB level for the faculty, lecturer, especially the student. The 4C conversion method consist of Comparion, Consequence, Connection, and Conversation to converting information into knowledge can be used for the future reasearch.

Keyword: Evaluation, learning characteristic, learning strategy, 5C, TPB, MSLQ, knowledge conversion.