

## **ABSTRACT**

*Self-evaluation process to determine the success rate of teaching at Fakultas Rekayasa Industri (FRI) Institut Teknologi Telkom (IT TELKOM) do not yet have standards and regulations. It needs knowledge and methods to determine the success rate of teaching, knowledge derived from the conversion of data into information and then into knowledge, and methods are how to process the data, information and knowledge. FRI currently has data on students but has not been exploited to perform self-evaluation. FRI self-evaluation is considered very important for the improvement of teaching in the next period, improvement of faculty work plans, and can be used to determine FRI's student goal setting.*

*Self-evaluation of teaching success rate can be based on knowledge derived from data already available on FRI. The data was processed in the process of conversion into information, then the information is converted into knowledge as a basis for evaluating the success rate of teaching in the FRI. The conversion process to obtain knowledge from data and information is called knowledge Conversion process.*

*From the process of knowledge conversion, knowledge about the success rate of teaching FRI will be gotten. Then, this knowledge is used as the basis in making policy of FRI's self-evaluation. Thus, it can be concluded that knowledge can be gained by processing the raw data, so that data is not only an ordinary asset, but become an asset that can be used to create knowledge as a basis in making self-evaluation policy of FRI.*

*Self-evaluation of teaching success rate in the FRI must be able to provide value added in evaluation process in the next period, find the problems and give advice on solutions to actual problems that occurred. With information systems designed in this research, the process of evaluating the success rate of teaching at the FRI can be done effectively and efficiently so that the evaluation process can be done well and easily. Therefore this research can be continued and developed followed by adjustment to the needs of self-evaluation of the actual FRI's condition and expand the data being entered in the system, so that the resulting information and knowledge will be more widely and can be used not only to perform self-evaluation in teaching process area but also another processes.*

*Keywords: data, information, knowledge, self-evaluation, knowledge conversion, asset.*