

Abstract

PP-PAUDNI Regional II Semarang is an agency under the Ministry of Education and Culture of Indonesia, one of its tasks is to carry out mapping the area of early childhood education quality in Central Java, Yogyakarta Special Province and Lampung Province area. One of the programs that are currently being intensively conducted is Self-Evaluation. Self-evaluation is internal evaluation conducted by all stakeholders of education in early childhood institutions to determine the overall performance of the institution seen from the achievement standards as the basis for improving the quality of early childhood services agencies. Results of this self-evaluation will be used as a material consideration of the government in providing assistance. Assistance will be given to institutions that have the highest Self-Evaluation result. It is expected that such institutions can grow and become an example and encouraging other institutions to continue to improve the quality of education. A large number of institutions that were evaluated PP-PAUDNI makes it difficult to determine which institutions are better.

To resolve this issue then constructed a decision-making system that uses the Fuzzy AHP method for calculating weights and ELECTRE methods for the rank. Based on the results of the analysis of the implementation and testing are carried out, this decision-making system has 49,09% accuracy. This small number of accuracy because influence by weight value that used in ranking count. If an alternative with higher weight value has bigger score so the alternative has good chance to be in higher position. Even though has small accuracy number, this decision support system has some excess such as: more objective, controllable and old data still can be used.

Keywords: PAUD, Self-Evaluation, F-AHP, ELECTRE