ABSTRACT
IMPLEMENTATION OF FUZZY ANALITYCAL HIERARCHY PROCESS (AHP) METHOD FOR DETERMINATION MAJOR IN SMA NEGERI 8 BANDUNG
by
Dina Catur Puspitasari
NIM : 116090063
(Information System Program)

Educational institutions Senior high school is secondary study in Indonesian formal education after graduating from junior high school. It takes 3 years study from X grade until XII. In second year which is XI grade, student should choose one of three majors that are available in school. Those are science, social. "SMA Negeri 8 Bandung" is one of school that is choosing major for X grade student who continue to XI grade. They will be divided into 2 majors, science and social, it is based on their interest, psikotest result, and academy result. However data processing for deciding the major in "SMA Negeri 8 Bandung" is still manually, no analysis of data processing, and no documented well. So it is needed computation method for doing the process.

Fuzzy AHP method to assist in decision-making on a small number of alternatives based on the weighted criteria. So, this research using Fuzzy AHP in the process of placement of students of "SMA Negeri 8 Bandung". The results of this research is criteria with fuzzy AHP method that 0.296; 0.268; 0.384; 0.052. The conclusion from the result of testing accuracy data from 2008 to 2013 proved by using Fuzzy AHP methods of data accuracy rate is quite high at 99.78 %, 99.57 %, 99.15 %, 98.77 %, 99.55 %.

Keywords : human resources, SMA Negeri 8 Bandung, Fuzzy AHP.