ABSTRACT

**DECISION SUPPORT SYSTEM
FOR NEW STUDENTS IN CANDIDATE SELECTION
SMA NEGERI 4 CIMAHI**

by

**ILMANI KAMILINA
10106103**

SMA Negeri 4 Cimahi is one educational institution located in Cimahi is also one high school that led to national standard school. Therefore, the required human resources (HR) quality and achievement in education is one of the students who can support that goal. To obtain an excellent student, achievement and quality in education the process of selecting new students must define the appropriate criteria and should also be prepared with as much as possible.

In this study we will design an application system of decision aids to help the new student admissions committee in selecting candidates for new students based computerized so that it can select any prospective new students. Decision Support System (DSS) were used as an alternative to an application system that helps in making decisions for admissions system.

This Decision Support System using *Multifactor evaluation Process* (MFEP). MFEP method is a method by writing the factors - the factors and criteria of the calculation in the form of weight value from 0 to 1. The next stage to fill in values for each of the factors that influence the decision making of data to be processed.

MFEP Keywords: Selection of prospective student, SPK, MFEP