

ABSTRACT

SISTEM PENDUKUNG KEPUTUSAN PENERIMA BEASISWA MENGUNAKAN METODE *COMPOSITE PERFORMANCE INDEX* (CPI)

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Van Deventer Foundation is a foundation that is a point of attention in the world of education and in some limited areas of expertise that aims to empower youth - girls in Indonesia to be able to become more independent . Van Deventer Foundation in collaboration with the Palembang Musi Foundation provides scholarships for students / i High School Musi . Student Affairs Technical High School Musi as part of the decision-makers in selecting scholarship recipients requiring a decision support system . This decision support system used to aid in decision making scholarships Van Deventer .

Decision support system grantee Van Deventer is constructed using Composite Performance Index (CPI) . CPI methods in this system is able to calculate the value of the i-th alternative on the j-th criterion value and generate the best alternative from a number of alternatives . Alternatives here are students selected . Of the several criteria into sub-criteria - j which has to be calculated to obtain the average CPI criteria before the run . The results of the calculations on this system resulted in the calculation of the total value of each alternative , where the greatest value will be recommended to receive a scholarship .

Keywords : *SPK Scholarship , Van Deventer , CPI , STT Musi , sub-criteria*