

IMPLEMENTASI METODE *MOORA*(*Multi – Objective Optimization On The Basis Of Ratio Analysis*) PADA PENERIMAAN BEASISWA DI UNIVERSITAS MUHAMMADIYAH JEMBER BERBASIS WEB

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ABSTRACT

Scholarships are perks education expenses at any college. At the University of Muhammadiyah Jember there are scholarships PPA (Improving Academic Achievement) to support the cost of education. The PPA Scholarship is a scholarship that is used for students who have a good record. PPA for a scholarship, students must have some criteria that have been set by the Higher Education and the University of Muhammadiyah Jember.

The system used by the Baak (Academic Administration Bureau) still use Microsoft Excel. To assist in selecting the party BAAK scholarship acceptance, then made a web-based decision support system. The method used is the method of Moora (Multi - Objective Optimization On The Basis Of Ratio Analysis). Moora method is a method of optimizing a lot of objective-based ratio analysis. Moora method is implemented in a system built. Application of Moora method requires the weighting of each criterion.

The final results show the name and value of scholarship student. Measuring the level of accuracy of the results obtained from the Baak and the web. The results obtained by the level of accuracy of 77.14%.

**Kata kunci :** Decision Support System, *Moora*, scholarship grantee, accuracy.