

“METODE *TECHNIQUE FOR OTHERS REFERENCE BY SIMILARITY TO IDEAL SOLUTION* (TOPSIS) UNTUK SELEKSI TENAGA KERJA *OUTSOURCE*”

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ABSTRAK

Proses seleksi penerimaan tenaga kerja merupakan faktor penting yang harus diperhitungkan. Begitupun dengan masalah yang dihadapi PT Satya yang belum menggunakan kriteria tetap dalam seleksi penerimaan tenaga kerjanya. Solusi yang ditawarkan adalah dengan membuat sistem pendukung keputusan penerimaan satpam dengan metode *Technique for Others Reference by Similarity to Ideal Solution* (TOPSIS) yang merupakan salah satu metode dalam Multiple Attribute Decision Making (MADM) yang menyelesaikan dengan pengambilan keputusan multikriteria. Metode ini sangat sesuai dengan kebutuhan sistem dimana memiliki banyak kriteria. Penelitian ini menghasilkan aplikasi sistem pendukung keputusan yang dapat menghitung dan merangking berdasarkan kriteria yang telah dibobot perusahaan. Hasil pengujian berjalan sesuai yang direncanakan dan menghasilkan sebuah perangkingan dengan akurasi mencapai 66% yang dapat membantu HRD perusahaan .

Kata Kunci : Sistem Pendukung Keputusan, TOPSIS, Seleksi, Satpam

“TECHNIQUE FOR OTHERS BY REFERENCE TO IDEAL SOLUTION SIMILARITY (TOPSIS) FOR SELECTION OF LABOR OUTSOURCING”

ABSTRACT

The recruitment selection process is an important factor. Likewise with the problems faced by PT Satya that have not used the fixed criteria in the selection of recruitment of its workers. The solution offered is to make a security decision support system using the Technique for Others Reference by Similarity to Ideal Solution (TOPSIS) which is one of the methods in Multiple Attribute Decision Making (MADM) that resolves by making multi-criteria decision. This method is in accordance with the needs of the system which has many criteria. This research resulted in the application of a decision support system that can calculate and rank based on criteria that have been weighted by the company. Test results run as planned and produce a ranking with an accuracy of up to 66% which can help the company's HRD..

Keyword : Decision Support System, TOPSIS, Selection, Security Guard.