

UMAR RAMADHAN, 18.230.0058

## SISTEM PENDUKUNG KEPUTUSAN PEMILIHAN GURU BERPRESTASI TINGKAT SEKOLAH DENGAN METODE SAW DI SDN SAMBONG 02 BATANG

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88 + xiii halaman / 80 gambar / 20 tabel / 4 lampiran / Daftar Pustaka (tahun 2005 – 2017)

### **ABSTRAK**

SDN Sambong 02 merupakan sekolah di Kabupaten Batang, Provinsi Jawa Tengah yang menerapkan mekanisme pemilihan guru berprestasi. Terdapat permasalahan dalam proses pemilihan guru berprestasi di SDN Sambong 02 yang telah dilakukan selama ini. Kepala sekolah melakukan proses penilaian lalu dihitung dan diurutkan. Dikarenakan banyaknya kriteria penilaian dan guru, proses evaluasi akan memerlukan waktu yang cukup lama. Tujuan penelitian ini adalah untuk membangun dan menghasilkan Sistem Pendukung Keputusan penilaian guru dengan metode *Simple Additive Weighting* (SAW) untuk melakukan pemilihan guru berprestasi di SDN Sambong 02, Jawa Tengah. Teknik perancangan sistem menggunakan *Tools UML (Unified Modelling Language)*. Teknik pengujian sistem menggunakan teknik White-box, Black-box, *UAT (User Acceptance Testing)* dengan hasil 100% sistem berjalan dengan baik dan sesuai kebutuhan. Sistem Pendukung Keputusan (SPK) menentukan guru berprestasi dengan menerapkan metode *Simple Additive Weighting* (SAW) untuk menentukan guru berprestasi. Hasil penelitian ini adalah sebuah sistem pendukung keputusan penilaian guru berprestasi. Dari hasil penelitian ini diharapkan dapat membantu pihak sekolah dalam mengambil keputusan menentukan pemilihan guru berprestasi terbaik di SDN Sambong 02.

**Kata Kunci :** Lomba Guru Berprestasi, Sistem Pendukung Keputusan (SPK), *Simple Additive Weighting* (SAW).

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DECISION SUPPORT SYSTEM FOR SELECTION OF OUTSTANDING TEACHERS  
AT SCHOOL LEVEL USING SAW METHOD AT SDN SAMBONG 02 BATANG

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88 + xiii pages / 80 images / 20 tables / 4 attachments / bibliography (years 2005-2017)

**ABSTRACT**

SDN Sambong 02 is a school in Batang regency, Central Java province that implements the mechanism for selecting outstanding teachers. There are problems in the selection process of outstanding teachers at SDN Sambong 02 which has been done so far. The principal conducts the assessment process and is calculated and sorted. Due to the large number of assessment criteria and teachers, the evaluation process will take quite a long time. The purpose of this study was to build and produce a teacher assessment Decision Support System with Simple Additive Weighting (SAW) method to conduct the selection of outstanding teachers at SDN Sambong 02, Central Java. System design techniques using tools UML (Unified Modeling Language). System testing techniques using techniques White-box, Black-box, Uat (User Acceptance Testing) with the results of 100% the system runs well and as needed. The decision support system (SPK) determines outstanding teachers by applying the Simple Additive Weighting (SAW) method to determine outstanding teachers. The results of this study is a decision support system assessment of outstanding teachers. From the results of this study is expected to help the school in making a decision to determine the selection of the best outstanding teachers in SDN Sambong 02.

Keywords: Achievement Teacher Competition, Decision Support System (SPK), Simple Additive Weighting (SAW).