ISSN
2088-4842 (Cetak)
2442-8795 (Online)

JURNAL OPTIMASI SISTEM INDUSTRI

Volume 19, Nomor 1, Tahun 2020

Mastery of Skills 4.0 Effects on the Readiness College Students to Face Revolution of Industry 4.0 1-11
Isna Juwita, Insannul Kamil, Jonrinaldi, Berry Yuliandra, Irsyadul Halim

Manajemen Perawatan Menggunakan Metode RCM di Mesin Produksi Kertas 12-21
Hery Hamdi Azwir, Arri Ismail Wicaksono, Hirawati Oemar

Pengaruh Good Corporate Governance terhadap Pengungkapan Sustainability Report dengan Ukuran Perusahaan sebagai Pemoderasi 22-32
Multy Adra Madona, Muhammad Khafid

Evaluasi Produk Gendongan Bayi Menggunakan Metode Kansei Engineering 33-39
Anandari Ramadhiar Priyandini, Ari Widyanti

Hubungan antar Hambatan Green Supply Chain Management (GSCM) pada Industri Kelapa Sawit di Indonesia 40-49
Rangga Primadasa, Dina Tauhida

Model Perilaku Partisipasi Warga di Bank Sampah (Studi Kasus di Bantul, DIY) 50-58
Reni Dwi Astuti, Utaminingsih Linarti

Studi Eksplorasi Faktor yang Mempengaruhi Keberlanjutan Pemakaian Layanan Mobile Payment 59-69
Alfian Tan, Paulina Kus Ariningsih, Cherish Rikardo

Adoption Intention Model of Electric Vehicle in Indonesia 70-81
Martha Widhi Dela Utami, Yuniaristanto, Wahyudi Sutopo

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Diterbitkan oleh Jurusan Teknik Industri, Fakultas Teknik, Universitas Andalas, Padang. Bekerjasama dengan Persatuan Insinyur Indonesia dan Badan Kerjasama Penyelenggara Pendidikan Tinggi Teknik Industri

ISSN 2088–4842

Volume 19 Nomor 1 2020

JURNAL OPTIMASI SISTEM INDUSTRI (JOSI)

DAFTAR ISI

Daftar Isi

Editorial

Mastery of Skills 4.0 Effects on the Readiness College Students to Face Revolution of Industry 4.0 1-11

Isna Juwita, Insannul Kamil, Jonrinaldi, Berry Yuliandra, Irsyadul Halim

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Redaksi Jurnal Optimasi Sistem Industri, Gedung Teknik Industri, Fakultas Teknik, Lantai 3, Universitas Andalas, Kampus Limau Manis, Padang

Email: editor_josi@eng.unand.ac.id

Redaksi menerima artikel ilmiah hasil penelitian dengan subjek yang relevan. Terbitan perdana Oktober 2001. Periode terbit edisi Semester 1 (Januari-Juni) dan Semester 2 (Juli-Desember) setiap tahun.

EDITORIAL

Journal on Optimization of Systems at Industries (JOSI) Volume 19 Number 1 2020 consists of eigh tarticles. Most of the articles contained in this edition present system modeling domain using statistical descriptive analysis applied in various areas. While the first article explores several factors of skills 4.0 and individual innovation behavior and then examines its affects to students readiness in facing the challenges of the revolution of industry 4.0, the second article discusses the pratice of good corporate governance in mining enterprises and examines its effect on the disclosure of enterprises sustainability report needed by stakeholders to evaluate their environmental related performance. Apart from these two applications, the third article models some potential factors by combining and testing the existing model of continuance intention in order to examine such behavior on customers using mobile payment service in Indonesia. Another interesting article proposes to use a theory of planned behavior coupled with knowledge of how and what, and knowledge of consequences factors in order to measure intention of residents to join the waste bank. Research on system modeling domain is then sealed with the study developing an intention-to-use model in adopting electric vehicle in Indonesia.

Other articles include the application of Green Supply chain Management (GSCM), maintenance manajement, and product evaluation based on the human factors engineering domain. One article studies potential barriers of implementing GSCM in the palm oil industry in Indonesia and then develop relationship and clustering model in integrated methodological approach utizing MICMAC, structural self-interaction matrix using the input from expert opinion. On maintenance management domain, an article discusses the application of Reliability Centered Maintenance (RCM) to solve downtimes in packaging paper company by combining quantitative and qualitative analysis using Functional Block Diagrams (FBD), critical engine analysis, Fault Tree Analysis (FTA), and Failure and Mode Effect Analysis (FMEA). Lastly, the product evaluation on the human factors engineering domain is also presented in one article. The research was conducted to evaluate the subjective perception of the consumers in choosing to use a baby carrier using Kansei engineering. The identification process results in several Kansei words that were grouped and used as a stimulus to evaluate 4 samples of baby carriers commonly used in Indonesia.

JOSI editorial team would like to thank all the authors who have contributed to this edition. Thank you also goes to the reviewers who have worked hard to improve the quality of all articles in this edition. All of these articles will contribute to the transition of ideas and knowledge in the field of Industrial Engineering.

Dicky Fatrias
Managing Editor