Ir. Indah Rizkya Tarigan, S.T., M.T.

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Ir. Indah Rizkya Tarigan, S.T., M.T. dilahirkan di Medan pada tanggal 01 Januari 1986. Beliau merupakan seorang dosen Teknik Industri di Universitas Sumatera Utara. Beliau menyelesaikan pendidikan terakhirnya pada jenjang S2 di Program Studi Teknik Industri di Universitas Sumatera Utara pada tahun 2012.

Publications

2025
Artikel ilmiah

Bioactivity Profiling of Eco-Enzyme from Organic Waste Streams: A Study on Phenolic Content, Enzymatic Functionality and Antimicrobial Efficacy

MAHATIR MUHAMMAD , INDAH RIZKYA TARIGAN , KHALIDA SYAHPUTRI , IKHSAN SIREGAR

2025
Jurnal nasional terakreditasi

Increasing Production Productivity by Improving Facility Layout Using the BLOCPLAN Method, Systematic Layout Planning, and Differential Evolution Algorithm

IR. UKURTA TARIGAN, MT , MEILITA TRYANA SEMBIRING , KHALIDA SYAHPUTRI , BENY ALPONSO SARAGIH , INDAH RIZKYA TARIGAN

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Jurnal nasional terakreditasi

Sistem Pendukung Keputusan untuk Tata Letak Warehouse dengan Pendekatan Class Based Storage

INDAH RIZKYA TARIGAN , IKHSAN SIREGAR , KHALIDA SYAHPUTRI , RAHMI MEILINA SARI , TEGUH JUANG SINAGA , IR. UKURTA TARIGAN, MT

2023
Jurnal nasional

Alat Potong Mekanis Mengatasi Keluhan Sakit Perajin Kerupuk Jangek

ERWIN , INDAH RIZKYA TARIGAN , KHALIDA SYAHPUTRI , KHAWARITA SIREGAR , ANIZAR

2023
Book chapter nasional

Several Perspectives in Industrial Engineering Volume II

BRYSA LULU NOVITA SINAGA , INDAH RIZKYA TARIGAN

2023
Jurnal nasional terakreditasi

Collaborative Planning, Forecasting, and Replenishment (CPFR) to Reduce Bullwhip Effect: Case Study

MANGARA M TAMBUNAN , INDAH RIZKYA TARIGAN

2023
Prosiding seminar internasional

Application of multiple sampling in the sampling plan for palm noten quality acceptance as raw material of palm kernel oil making

INDAH RIZKYA TARIGAN , KHALIDA SYAHPUTRI

2023
Prosiding seminar internasional

Total productive maintenance in softdrink industry

KHALIDA SYAHPUTRI , INDAH RIZKYA TARIGAN

2023
Prosiding seminar internasional

Analysis of Performance Decrease in Blow Molding Machines

INDAH RIZKYA TARIGAN

2023
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Planning of employee allocation in CPO industry

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Jurnal nasional terakreditasi

Alat Pencuci Kedelai untuk Mengurangi Kelelahan Kerja di Home Industry Tempe

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2023
Jurnal nasional terakreditasi

Produk Penggilingan Biji-Bijian untuk Meminimalkan Biaya Produksi dalam Bisnis Peternakan

INDAH RIZKYA TARIGAN , RAHMI MEILINA SARI , INGGRITA GUSTI SARI NASUTION , KHALIDA SYAHPUTRI

2023
Jurnal nasional terakreditasi

Implementation of 5S in Improving of Palm Oil Mill Working Environment

INDAH RIZKYA TARIGAN , RAHMI MEILINA SARI , KHALIDA SYAHPUTRI

2021
Prosiding seminar internasional

Platform Design of Online Medical Devices using Java Programming

KHALIDA SYAHPUTRI , INDAH RIZKYA TARIGAN

2021
Prosiding seminar internasional

Affecting factors of CPO yield: An identification

IKHSAN SIREGAR , INDAH RIZKYA TARIGAN , KHALIDA SYAHPUTRI

2021
Prosiding seminar nasional

Identifikasi Risiko Proses Produksi Olahan Crude Palm Oil dengan Metode Failure Mode and Effect Analysis (FMEA)

INDAH RIZKYA TARIGAN , ANIZAR

2021
Jurnal nasional terakreditasi

Optimalisasi Persediaan Bahan Baku Atap Spandex dengan Metode Q

INDAH RIZKYA TARIGAN

2020
Prosiding seminar internasional

Facility Layout Redesign with Static Facility Layout Planning (SFLP) and Dynamic Facility Layout Planning (DFLP) at Convection and Computer Embroidery Industry

KHALIDA SYAHPUTRI , AULIA ISHAK , IR. UKURTA TARIGAN, MT , INDAH RIZKYA TARIGAN

2020

Prosiding seminar internasional

Application of Fuzzy C-Means in Level Clustering of Traffic Accident Vulnerability

KHALIDA SYAHPUTRI , INDAH RIZKYA TARIGAN , RAHMI MEILINA SARI

2020
Prosiding seminar internasional

Production line simulation in fixture product industry

INDAH RIZKYA TARIGAN , KHALIDA SYAHPUTRI

2020
Prosiding seminar internasional

Optimization of garbage transport routes in West Medan using Clarke & Weigh saving and Floyd Warshall algorithm

MANGARA M TAMBUNAN , RAHMI MEILINA SARI , KHALIDA SYAHPUTRI , INDAH RIZKYA TARIGAN , JELLY LEVIZA

2020
Prosiding seminar internasional

Inventory optimization in the cigarette industry

INDAH RIZKYA TARIGAN , IKHSAN SIREGAR , KHALIDA SYAHPUTRI , RAHMI MEILINA SARI

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Prosiding seminar internasional

Optimization of Garbage Hauling Route in Medan Kota District using Saving Matrix Method to Minimize Cost

RAHMI MEILINA SARI , MANGARA M TAMBUNAN , IKHSAN SIREGAR , KHALIDA SYAHPUTRI , INDAH RIZKYA TARIGAN

2020
Prosiding seminar internasional

Iventory policy for multi item products by short expiration period

KHALIDA SYAHPUTRI , INDAH RIZKYA TARIGAN , ABDILLAH ARIF NASUTION

2020
Prosiding seminar internasional

Determination of component categories using logic tree analysis

IKHSAN SIREGAR , KHAWARITA SIREGAR , INDAH RIZKYA TARIGAN

2020
Prosiding seminar internasional

Clustering the vulnerability of traffic accidents in Medan city with fuzzy c-means algorithm

KHALIDA SYAHPUTRI , IR. UKURTA TARIGAN, MT , INDAH RIZKYA TARIGAN , IKHSAN SIREGAR , RAHMI MEILINA SARI

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Optimization of garbage transport routes in West Medan using Clarke & Weigh saving and Floyd Warshall algorithm

RAHMI MEILINA SARI , KHALIDA SYAHPUTRI , JELLY LEVIZA , INDAH RIZKYA TARIGAN , MANGARA M TAMBUNAN

2020
Prosiding seminar internasional

Design of work facilities using quality function deployment (QFD) and macro ergonomic analysis design (MEAD)

HUMALA L NAPITUPULU , INDAH RIZKYA TARIGAN , MANGARA M TAMBUNAN , KHALIDA SYAHPUTRI

2020
Prosiding seminar internasional

Determination of Component Categories Using Logic Tree Analysis

INDAH RIZKYA TARIGAN , KHAWARITA SIREGAR

2020
Prosiding seminar internasional

Comparison of Crude Oil Supply Cost between Ship Rental and Single Point Mooring

INDAH RIZKYA TARIGAN , RAHMI MEILINA SARI , KHALIDA SYAHPUTRI

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Prosiding seminar internasional

Optimization of Sei Wampu Dam Project Schedule Using Critical Path Method

KHALIDA SYAHPUTRI , RAHMI MEILINA SARI , INDAH RIZKYA TARIGAN

2020
Prosiding seminar internasional

Lean Manufacturing: Waste Analysis in Crude Palm Oil Process

INDAH RIZKYA TARIGAN , RAHMI MEILINA SARI , KHALIDA SYAHPUTRI

2020
Prosiding seminar internasional

Optimal Production Quantity in Rubber Industry

RAHMI MEILINA SARI , IKHSAN SIREGAR , INDAH RIZKYA TARIGAN , KHALIDA SYAHPUTRI

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Determination of Inventory Policy based on ABC Classification

ERWIN , INDAH RIZKYA TARIGAN , RAHMI MEILINA SARI

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Prosiding seminar internasional

Lean Manufacturing: Waste Analysis in Crude Palm Oil Process

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Analysis of Defective Causes in Coffee Product Using Decision Tree Approach

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Prosiding seminar internasional

Identification of Critical Waste on Outpatient Installation in Universitas Sumatera UtaraÂ (USU)Â Hospital

JELLY LEVIZA , RAHMI MEILINA SARI , KHALIDA SYAHPUTRI , INDAH RIZKYA TARIGAN

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Prosiding seminar internasional

Analysis of Raw Mill Machines Maintenance in Cement Industry

INDAH RIZKYA TARIGAN , RAHMI MEILINA SARI , KHALIDA SYAHPUTRI

2020
Prosiding seminar internasional

Design of Hydrogen Fuel Supply Chain Distribution Network from the Potency of Fresh Fruit Empty Bunches

KHALIDA SYAHPUTRI , RAHMI MEILINA SARI , INDAH RIZKYA TARIGAN

2020
Prosiding seminar internasional

Identification of Critical Waste on Outpatient Installation in Universitas Sumatera Utara (USU) Hospital

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Prosiding seminar internasional

Analysis of Production Obstacles in Assembling G Line Process Using FMEA Method (Failure Mode and Ef

INDAH RIZKYA TARIGAN , KHAWARITA SIREGAR , FARIDA ARIANI , RAHMI MEILINA SARI

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Prosiding seminar internasional

Optimization of fresh fruit bunches as crude palm oil production material

KHALIDA SYAHPUTRI , KHAWARITA SIREGAR , INDAH RIZKYA TARIGAN

2019
Prosiding seminar internasional

Minimization of Makespan Using FCFS Method and Genetic Algorithm Method

Comparison in Aluminum Industry

KHALIDA SYAHPUTRI , INDAH RIZKYA TARIGAN , RAHMI MEILINA SARI

2019
Prosiding seminar internasional

Minimization of Makespan Using FCFS Method and Genetic Algorithm Method Comparison in Aluminum Industry

IKHSAN SIREGAR , INDAH RIZKYA TARIGAN , RAHMI MEILINA SARI , KHALIDA SYAHPUTRI

2019
Prosiding seminar internasional

Determination of Technical Characteristics in Panel Button and Control Seat Using Quality Function Deployment

KHALIDA SYAHPUTRI , INDAH RIZKYA TARIGAN , RAHMI MEILINA SARI

2019
Prosiding seminar internasional

Value Engineering in Crude Palm Oil Industry Design to Minimize Cost

KHALIDA SYAHPUTRI , RAHMI MEILINA SARI , INDAH RIZKYA TARIGAN

2019
Prosiding seminar internasional

Analysis of Risk Priorities in a Medical Record Unit at the Hospital

Ivana Alona , KHALIDA SYAHPUTRI , INDAH RIZKYA TARIGAN , RAHMI MEILINA SARI

2019
Prosiding seminar internasional

Improving Quality of PVC Pipes Using Taguchi Method

KHALIDA SYAHPUTRI , FARIDA ARIANI , KHAWARITA SIREGAR , INDAH RIZKYA TARIGAN

2019
Prosiding seminar internasional

Reliability Centered Maintenance to Determine Priority of Machine Damage Mode

IKHSAN SIREGAR , INDAH RIZKYA TARIGAN , KHAWARITA SIREGAR , A RAHIM MATONDANG

2019
Prosiding seminar internasional

Optimization in Critical Work Center Using Theory of Constraints

INDAH RIZKYA TARIGAN , RAHMI MEILINA SARI , KHALIDA SYAHPUTRI

2019
Prosiding seminar internasional

Delivery Lot Size Optimization and Schedule of Shipment in Distribution Centre

MANGARA M TAMBUNAN , JULIZA HIDAYATI , INDAH RIZKYA TARIGAN

2019
Prosiding seminar internasional

Evaluation of the Leading Work Culture 5S in Industry

INDAH RIZKYA TARIGAN , IR. UKURTA TARIGAN, MT , RAHMI MEILINA SARI

2019
Prosiding seminar internasional

FMEA Approach to Analysis Crude Palm Oil Quality Parameters

KHALIDA SYAHPUTRI , RAHMI MEILINA SARI , INDAH RIZKYA TARIGAN

2019
Prosiding seminar internasional

SCOR: Business Process Analysis and Supply Chain Performance in Building Materials Industry

IKHSAN SIREGAR , RAHMI MEILINA SARI , INDAH RIZKYA TARIGAN , KHALIDA SYAHPUTRI

2019
Prosiding seminar internasional

Autoregressive Integrated Moving Average (ARIMA) Model of Forecast

Demand in Distribution Centre

INDAH RIZKYA TARIGAN , KHALIDA SYAHPUTRI , RAHMI MEILINA SARI , IKHSAN SIREGAR

2019
Prosiding seminar internasional

Determination of trash hauling routes using floyd warshall algorithm in medan barat district

KHALIDA SYAHPUTRI , INDAH RIZKYA TARIGAN , RAHMI MEILINA SARI , MANGARA M TAMBUNAN

2019
Prosiding seminar internasional

Measurement of Supply Chain Performance in Manufacturing

KHAWARITA SIREGAR , RAHMI MEILINA SARI , KHALIDA SYAHPUTRI , INDAH RIZKYA TARIGAN , JULIZA HIDAYATI

2019
Prosiding seminar internasional

Analysis of Risk Priorities in a Medical Record Unit at the Hospital

INDAH RIZKYA TARIGAN , KHALIDA SYAHPUTRI , RAHMI MEILINA SARI

2019
Prosiding seminar internasional

5S Implementation in Welding Workshopâ€“a Lean Tool in Waste Minimization

KHALIDA SYAHPUTRI , RAHMI MEILINA SARI , INDAH RIZKYA TARIGAN

2019
Jurnal nasional terakreditasi

Perancangan Ulang dan Simulasi Tata Letak Fasilitas Produksi Gripper Rubber Seal dengan Menggunakan Algoritma Corelap, Aldep, dan Flexim

MEILITA TRYANA SEMBIRING , INDAH RIZKYA TARIGAN , IR. UKURTA TARIGAN, MT

2019
Prosiding seminar internasional

Designing Work Facilities In Dust Disposal Station (Silo Ash) To Reduce Air Pollution And Ease Maintenance With Quality Function Deployment (QFD) Method

IR. UKURTA TARIGAN, MT , RAHMI MEILINA SARI , INDAH RIZKYA TARIGAN

2019
Prosiding seminar internasional

Optimization Consumer Cost of Food Industry with Perishable Characteristic

RAHMI MEILINA SARI , INDAH RIZKYA TARIGAN , KHALIDA SYAHPUTRI , ABDILLAH ARIF NASUTION , ERWIN

2019
Prosiding seminar internasional

5S Implementation in Welding Workshop-A Lean Tool in Waste Minimization

RAHMI MEILINA SARI , IKHSAN SIREGAR , INDAH RIZKYA TARIGAN , KHALIDA SYAHPUTRI

2019
Prosiding seminar internasional

Nawaz, Enscore, Ham (NEH) Algorithm to Minimization of Makespan in Furniture Company

IKHSAN SIREGAR , ANIZAR , INDAH RIZKYA TARIGAN , ISNAINI NURWAHYUNI , RAHMI MEILINA SARI , KHALIDA SYAHPUTRI , MANGARA M TAMBUNAN

2019
Prosiding seminar internasional

Workload of Workforce in Fertilizing Industry: An Analysis

RAHMI MEILINA SARI , INDAH RIZKYA TARIGAN , IR. UKURTA TARIGAN, MT

2019
Jurnal nasional terakreditasi

Perancangan Ulang dan Simulasi Tata Letak Fasilitas Produksi Gripper Rubber Seal dengan Menggunakan Algoritma Corelap, Aldep, dan Flexsim

INDAH RIZKYA TARIGAN , MEILITA TRYANA SEMBIRING , IR. UKURTA TARIGAN, MT

2018
Prosiding seminar internasional

Lean Thinking in Banking Industry: Waste Identification on Credit Disbursement Process

RAHMI MEILINA SARI , KHALIDA SYAHPUTRI , INDAH RIZKYA TARIGAN

2018
Prosiding seminar internasional

Effectiveness of compressor machine by using overall equipment effectiveness (OEE) method

RAHMI MEILINA SARI , ANIZAR , INDAH RIZKYA TARIGAN , KHAWARITA SIREGAR , KHALIDA SYAHPUTRI , MANGARA M TAMBUNAN

2018
Prosiding seminar internasional

DRP: Joint Requirement Planning in Distribution Centre and Manufacturing

RAHMI MEILINA SARI , INDAH RIZKYA TARIGAN , IKHSAN SIREGAR , ANIZAR , KHALIDA SYAHPUTRI , MANGARA M TAMBUNAN

2018
Prosiding seminar internasional

Lean Manufacturing Applications in the Manufacturing Industry

INDAH RIZKYA TARIGAN , KHALIDA SYAHPUTRI , ANIZAR , TIGOR HAMONANGAN NASUTION , ABDILLAH ARIF NASUTION

2018
Prosiding seminar internasional

Analysis of physiological workload approach in packing stations to determine optimal workload

INDAH RIZKYA TARIGAN , RAHMI MEILINA SARI , TIGOR HAMONANGAN NASUTION , IKHSAN SIREGAR , KHALIDA SYAHPUTRI

2018
Prosiding seminar internasional

Application of biomechanics in industry

RAHMI MEILINA SARI , KHALIDA SYAHPUTRI , INDAH RIZKYA TARIGAN , IKHSAN SIREGAR

2018
Prosiding seminar internasional

Quality engineering of crumb rubber by minimizing rework using fuzzy FMEA

INDAH RIZKYA TARIGAN , KHALIDA SYAHPUTRI , RAHMI MEILINA SARI , JELLY LEVIZA , MANGARA M TAMBUNAN

2018
Prosiding seminar internasional

Storage design using Fast moving, Slow moving and Non moving (FSN) analysis

KHALIDA SYAHPUTRI , INDAH RIZKYA TARIGAN , MANGARA M TAMBUNAN , RAHMI MEILINA SARI

2018
Prosiding seminar internasional

Quality engineering of crumb rubber by minimizing rework using fuzzy FMEA

RAHMI MEILINA SARI , INDAH RIZKYA TARIGAN , IKHSAN SIREGAR , MANGARA M TAMBUNAN , JELLY LEVIZA , KHALIDA SYAHPUTRI

2018
Prosiding seminar internasional

Storage design using Fast moving, Slow moving and Non moving (FSN) analysis

MANGARA M TAMBUNAN , KHALIDA SYAHPUTRI , RAHMI MEILINA SARI , INDAH RIZKYA TARIGAN

2018
Prosiding seminar internasional

Optimization of saving production cost in plastic jute sacks with dynamic programming

ANIZAR , MANGARA M TAMBUNAN , INDAH RIZKYA TARIGAN , RAHMI MEILINA SARI , KHALIDA SYAHPUTRI

2018
Prosiding seminar internasional

Effect of work posture on operator complaints: Choice between sitting and

standing work

ANIZAR , KHALIDA SYAHPUTRI , RAHMI MEILINA SARI , INDAH RIZKYA TARIGAN

2018
Prosiding seminar internasional

Assembly line balancing in an electronics company using simulation approach

HUMALA L NAPITUPULU , RAHMI MEILINA SARI , JELLY LEVIZA , ANIZAR , KHALIDA SYAHPUTRI , INDAH RIZKYA TARIGAN

2018
Jurnal nasional terakreditasi

APLIKASI TOOLS MANAGEMENT UNTUK MEREDUKSI WAKTU SET UP

INDAH RIZKYA TARIGAN , KHALIDA SYAHPUTRI

2018
Prosiding seminar internasional

Design of facility layout with lean service and market basket analysis method to simplification of service process in the supermarket

IR. UKURTA TARIGAN, MT , INDAH RIZKYA TARIGAN

2018
Jurnal nasional terakreditasi

ALAT PENGUMPUL BRONDOLAN BUAH UNTUK MENINGKATKAN PENDAPATAN PETANI KELAPA SAWIT

KHALIDA SYAHPUTRI , INDAH RIZKYA TARIGAN , DWI ENDAH WIDYASTUTI

2018
Prosiding seminar internasional

Comparison of Periodic Review Policy and Continuous Review Policy for the Automotive Industry Inventory

KHALIDA SYAHPUTRI , RAHMI MEILINA SARI , INDAH RIZKYA TARIGAN , IKHSAN SIREGAR , ANIZAR

2018
Prosiding seminar internasional

Quality function deployment application on work facility

TIGOR HAMONANGAN NASUTION , RAHMI MEILINA SARI , INDAH RIZKYA TARIGAN

2018
Prosiding seminar internasional

Changing lamp type and position to improve lighting quality

INDAH RIZKYA TARIGAN , RAHMI MEILINA SARI , ANIZAR , KHALIDA SYAHPUTRI

2018
Prosiding seminar internasional

Application of lean six sigma to waste minimization in cigarette paper industry

KHALIDA SYAHPUTRI , RAHMI MEILINA SARI , INDAH RIZKYA TARIGAN

2018
Prosiding seminar internasional

Sodium tripolyphosphate cross-linked chitosan based sensor for enhacing sensing properties towards a

INDAH RIZKYA TARIGAN

2018
Prosiding seminar internasional

Alternative of raw material's suppliers using TOPSIS method in chicken slaughterhouse industry

KHALIDA SYAHPUTRI , ANIZAR , IKHSAN SIREGAR , INDAH RIZKYA TARIGAN , RAHMI MEILINA SARI

2018
Prosiding seminar internasional

Evaluation of work posture and quantification of fatigue by Rapid Entire Body Assessment (REBA)

IKHSAN SIREGAR , KHALIDA SYAHPUTRI , ANIZAR , INDAH RIZKYA TARIGAN , RAHMI MEILINA SARI

2018
Prosiding seminar internasional

Comparison of Periodic Review Policy and Continuous Review Policy for the Automotive Industry Inventory System

IKHSAN SIREGAR , INDAH RIZKYA TARIGAN , KHALIDA SYAHPUTRI , RAHMI MEILINA SARI , ANIZAR

2018
Prosiding seminar internasional

Improving Assembly Line Balancing Using Moodie Young Methods on Dump Truck Production

KHALIDA SYAHPUTRI , RAHMI MEILINA SARI , JELLY LEVIZA , ANIZAR , INDAH RIZKYA TARIGAN

2018
Prosiding seminar internasional

Comparison of Periodic Review Policy and Continuous Review Policy for the Automotive Industry Inventory System

KHALIDA SYAHPUTRI , INDAH RIZKYA TARIGAN , IKHSAN SIREGAR , ELISABETH GINTING , ANIZAR , RAHMI MEILINA SARI

2018
Prosiding seminar internasional

Work Rotation to Reduce the Effect of Noise Exposure for Operators in Sugar Factory

ERWIN , KHALIDA SYAHPUTRI , ANIZAR , INDAH RIZKYA TARIGAN , RAHMI MEILINA SARI

2018
Prosiding seminar internasional

Sequencing of Dust Filter Production Process Using Design Structure Matrix (DSM)

KHALIDA SYAHPUTRI , INDAH RIZKYA TARIGAN , A RAHIM MATONDANG , RAHMI MEILINA SARI , ANIZAR

2018
Prosiding seminar internasional

Optimization of Garbage Hauling Route in Medan Kota District using Saving Matrix Method to Minimize Cost

IKHSAN SIREGAR , KHALIDA SYAHPUTRI , RAHMI MEILINA SARI , INDAH RIZKYA TARIGAN , Josua Pandapotan Simanjuntak

2017
Jurnal nasional terakreditasi

DESAIN SISTEM INFORMASI MANAJEMEN PERALATAN INDUSTRI FURNITURE

INDAH RIZKYA TARIGAN

2013
Jurnal nasional terakreditasi

Perancangan Sistem Kanban Untuk Pelancaran Produksi Dan Mereduksi Keterlambatan

INDAH RIZKYA TARIGAN

2009
Jurnal nasional terakreditasi

Analisis Pemborosan Perusahaan Mebel Dengan Pendekatan Lean Manufacturing (Studi Kasus PT X Indonesia)

INDAH RIZKYA TARIGAN

Researches

2026
Ipteks

ANALISIS INTEGRASI DIMENSI SUPPLY CHAIN RESILIENCE PADA INDUSTRI GULA

INDAH RIZKYA TARIGAN , KHALIDA SYAHPUTRI , RAHMI MEILINA SARI

2025
Penelitian Dana Lokal Perguruan Tinggi

INOVASI PERANCANGAN ALAT FERMENTASI ECOZYNER UNTUK SINTESIS

ECO-ENZYME DARI LIMBAH BIOMASSA DALAM APLIKASI DI INDUSTRI MENDUKUNG KETAHANAN PANGAN DAN KESEHATAN

INDAH RIZKYA TARIGAN , KHALIDA SYAHPUTRI , MAHATIR MUHAMMAD , IKHSAN SIREGAR

2024
Penelitian Fundamental

Peningkatan Kapasitas Produksi Industri Furniture dengan Perbaikan Tata Letak Fasilitas Menggunakan Berbagai Metode Tata Letak Fasilitas

INDAH RIZKYA TARIGAN , KHAWARITA SIREGAR , KHALIDA SYAHPUTRI , MEILITA TRYANA SEMBIRING , IR. UKURTA TARIGAN, MT , WIJAYA KUSUMA NASUTION , FIRDA SARI , FANNY FAZIRA

2023
Penelitian Dana Lokal Perguruan Tinggi

MODEL PRODUKSI LEAN AGILE GREEN (LAG) SUPPLY CHAIN PADA PRODUK FARMASI BERKELANJUTAN

INDAH RIZKYA TARIGAN , KHALIDA SYAHPUTRI , HUMALA L NAPITUPULU , IR. UKURTA TARIGAN, MT

2022

Sistem Pendukung Keputusan Persediaan Model Q Berdasarkan Back Order dan Percepatan Leadtime

INDAH RIZKYA TARIGAN , KHAWARITA SIREGAR , KHALIDA SYAHPUTRI

2022

Kajian Manajemen Logistik Kebencanaan di Wilayah Sumatera Utara

INDAH RIZKYA TARIGAN , ERWIN , RAHMI MEILINA SARI

2021
Ipteks Bagi Masyarakat

Total Productive Maintenance dan Pengaruhnya Terhadap Kinerja Manufaktur

INDAH RIZKYA TARIGAN , KHALIDA SYAHPUTRI

2021
Penelitian Dosen Pemula

Desain Sistem Evaluasi dan Indikator Penilaian Budaya Kerja 5S di Industri Manufaktu

INDAH RIZKYA TARIGAN , RAHMI MEILINA SARI , DINO TRI ALDIAN , FELICA , ZAHRA NURHADI

2020
Penelitian Dana Lokal Perguruan Tinggi

Model Distribusi Produk Refinery Berdasarkan Kapasitas dan Persediaan

INDAH RIZKYA TARIGAN , KHALIDA SYAHPUTRI , ASRIL HABIB PANJAITAN , SYARIFAH YASMIN FIRIZA

2019
Penelitian Dosen Pemula

Model Pengendalian Persediaan dengan Probabilistik Continuous Review di Instalasi Farmasi Rumah Sakit Universitas Sumatera Utara

INDAH RIZKYA TARIGAN , RAHMI MEILINA SARI , NABAWI ARIFIN SIREGAR , TABITHA CASSIA PUTRI AULIA , RAYMOND ASTAKHO , Fariz Affandi Harahap , RACHEL RUGUN MARIANA

2019
Penelitian Dana Lokal Perguruan Tinggi

Kebijakan Persediaan Multi Item pada Rantai Pasok Multi Eselon dengan Karakteristik Produk Kadaluarsa Singkat

ABDILLAH ARIF NASUTION , INDAH RIZKYA TARIGAN

2018
Penelitian Dana Lokal Perguruan Tinggi

Model Persediaan Single Item Multi Eselon pada Produk Perishable

ABDILLAH ARIF NASUTION , INDAH RIZKYA TARIGAN , KHALIDA SYAHPUTRI

Community Services

2026

Penerapan 5S sebagai Upaya Optimalisasi Tata Kelola dan Keselamatan Kerja Laboratorium

INDAH RIZKYA TARIGAN , KHALIDA SYAHPUTRI , IR. UKURTA TARIGAN, MT

2025

Pendampingan Digitalisasi Administrasi dan Edukasi Anak Usia Dini sebagai Upaya Meraih Akreditasi PAUD

INDAH RIZKYA TARIGAN , KHALIDA SYAHPUTRI , RAHMI MEILINA SARI , IR. UKURTA TARIGAN, MT , IKHSAN SIREGAR

2024

Pelatihan Software Pendukung Produktivitas Bagi Enterpreneur Muda

INDAH RIZKYA TARIGAN , KHAWARITA SIREGAR , AULIA ISHAK , KHALIDA SYAHPUTRI , RAHMI MEILINA SARI

2023
Ipteks Bagi Masyarakat

PENGEMBANGAN PRODUK PADA USAHA RUMAH TANGGA CAKE AND PUDDING

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Digital Marketing Sebagai Strategi Pengembangan Pasar Bagi Calon Wirausaha Muda

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2021

Teknologi Padat Karya untuk Minimasi Biaya Produksi pada Usaha Ternak

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2018

Rancangan Alat Bantu Perebusan Kacang Kedelai Untuk Meningkatkan Kapasitas Produksi

INDAH RIZKYA TARIGAN , KHALIDA SYAHPUTRI

2018
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IbM Rancangan Alat Bantu Penerapan 5S untuk Meningkatkan Efisiensi Penggunaan Ruang Kerja di Usaha Pengelasan

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IbM Rancangan Alat Pengumpul Brondolan Buah untuk Meningkatkan Pendapatan Petani Kelapa Sawit

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