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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

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### **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

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BRYSA LULU NOVITA SINAGA , INDAH RIZKYA TARIGAN

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## **Optimalisasi Persediaan Bahan Baku Atap Spandex dengan Metode Q**

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## **Autoregressive Integrated Moving Average (ARIMA) Model of Forecast Demand in Distribution Centre**

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

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

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

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## **Optimization Consumer Cost of Food Industry with Perishable Characteristic**

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

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### **DRP: Joint Requirement Planning in Distribution Centre and Manufacturing**

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

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

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

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## **Quality function deployment application on work facility**

TIGOR HAMONANGAN NASUTION , RAHMI MEILINA SARI , INDAH RIZKYA TARIGAN

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

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## **Sodium tripolyphosphate cross-linked chitosan based sensor for enhancing sensing properties towards a**

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

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

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

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## **Comparison of Periodic Review Policy and Continuous Review Policy for the**

# Automotive Industry Inventory System

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## Researches

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Penelitian Dana Lokal Perguruan Tinggi

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

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

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## Kajian Manajemen Logistik Kebencanaan di Wilayah Sumatera Utara

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## Total Productive Maintenance dan Pengaruhnya Terhadap Kinerja Manufaktur

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

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### **Model Distribusi Produk Refinery Berdasarkan Kapasitas dan Persediaan**

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

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

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

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### **Pelatihan Software Pendukung Produktivitas Bagi Entrepreneur Muda**

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**Rancangan Alat Bantu Perebusan Kacang Kedelai Untuk Meningkatkan Kapasitas Produksi**

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