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*Ir. Dini Wahyuni, M.T. was born in Deli Tua (Deli Serdang) on 24/04/1966 and is a lecturer at Universitas Sumatera Utara in the field of Industrial Engineering. She completed her last education at the Master's level at the Faculty of Industrial Technology, Industrial Engineering Study Program, ITB in 2000.*

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## Publications

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2019

Artikel ilmiah

### **Determining Kansei Words in Chocolate Product Development Model Design Based on Social Media Trend by Using Key Element Extraction (KEE) Algorithm**

DINI WAHYUNI , MEILITA TRYANA SEMBIRING

2024

Prosiding seminar internasional

### **Measurement of Halal Performance in Frozen Food Supply Chain Management**

DINI WAHYUNI , IR H NAZARUDDIN MATONDANG MTPHD , JULIZA HIDAYATI

2019

Prosiding seminar internasional

### **Improving the physical work environment by looking at the effect of work environment factor on SME**

NISMAH PANJAITAN , DINI WAHYUNI

2017

Prosiding seminar nasional

### **Minimisasi Biaya Distribusi produk Aluminium dengan Pendekatan Distribution Resource Planning**

DINI WAHYUNI , IR H NAZARUDDIN MATONDANG MTPHD

2019

Prosiding seminar nasional

### **Optimisasi Stasiun Kerja melalui Minimisasi Bottleneck dengan Pendekatan Theory Of Constraint**

DINI WAHYUNI

2023

Prosiding seminar internasional

### **Performance measurement of Tempeh crackers supply chain management using halal criteria on SCOR Model**

IR H NAZARUDDIN MATONDANG MTPHD , DINI WAHYUNI

2019

Prosiding seminar nasional

### **Analisis Risiko Halal Supply Chain dengan Adopsi Model SCOR (Supply Chain Operations Reference)**

DINI WAHYUNI

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2018  
Artikel ilmiah

## **PERANCANGAN FASILITAS KERJA DI BAGIAN PRODUKSI PT. XYZ DENGAN MENGGUNAKAN MACROERGONOMIC ANALYSIS AND DESIGN (MEAD)**

DINI WAHYUNI

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2018  
Prosiding seminar internasional

## **Study of activity based costing implementation for palm oil production using value-added and non-value-added activity consideration in PT XYZ palm oil mill**

TUTI SARMA SINAGA , DINI WAHYUNI , MEILITA TRYANA SEMBIRING

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2020  
Prosiding seminar internasional

## **Human error assessment in batik enterprises located in north sumatera using heart method**

DINI WAHYUNI

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2019  
Prosiding seminar internasional

## **Improving effectiveness and efficiency of assembly line with a stopwatch time study and balancing activity elements**

DINI WAHYUNI

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2021  
Prosiding seminar internasional

## **The improvement of line balancing in the plastic sack production using theory of constraints**

DINI WAHYUNI

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2023  
Prosiding seminar internasional

## **Identification of halal risk in risoles production using house of risk method**

IR H NAZARUDDIN MATONDANG MTPHD , DINI WAHYUNI

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2020  
Prosiding seminar internasional

## **Hazard identification of repetitive truck loading activities in mineral water industry**

DINI WAHYUNI , NISMAH PANJAITAN

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2018  
Prosiding seminar internasional

## **Re-designing illumination level in printing working area**

DINI WAHYUNI , NISMAH PANJAITAN

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2019  
Jurnal nasional

## **Analisis Beban Kerja dan Jumlah Operator Penulangan Rangka Beton Udit**

MEILITA TRYANA SEMBIRING , DINI WAHYUNI

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2019  
Prosiding seminar nasional

## **Identifikasi Human Error Pada Rantai Pasok UMKM Roti**

DINI WAHYUNI

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2019  
Prosiding seminar internasional

## **Evaluating Working Time and Work Capacity of Aircraft Cabin Line Maintenance Services**

DINI WAHYUNI

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2022  
Prosiding seminar internasional

## **Analysis of Halal Supply Chain in Chicken Meat Products using Human Error**

## **Perspective**

IR H NAZARUDDIN MATONDANG MTPHD , DINI WAHYUNI

2018

Prosiding seminar internasional

### **Analysis of Lighting Condition in Cutting Area**

NISMAH PANJAITAN , DINI WAHYUNI

2020

Prosiding seminar internasional

### **Halal risk analysis at indonesian slaughterhouses using the supply chain operation reference (SCOR) and house of risk (HOR) method**

DINI WAHYUNI

2022

Prosiding seminar internasional

### **Analysis of Readiness toward Halal Certification in Sumatera Utara (Case study in Food Manufacturer)**

DINI WAHYUNI , IR H NAZARUDDIN MATONDANG MTPHD

2017

Prosiding seminar nasional

### **Penentuan Harga Pokok Produksi Tandan Buah Segar dengan Pertimbangan Nilai Tambah**

DINI WAHYUNI , TUTI SARMA SINAGA , MEILITA TRYANA SEMBIRING

2018

Prosiding seminar nasional

### **Perbaikan Keseimbangan Lintasan Produksi Gear menggunakan Peta Proses Regu Kerja dan Algoritma Genetik**

DINI WAHYUNI

2018

Prosiding seminar internasional

### **Alternative Selection in Reducing Wood Scrap with Green Productivity Approach**

DINI WAHYUNI

2019

Prosiding seminar nasional

### **Traceability pada Rantai Pasok Pangan Halal: Review Literatur**

DINI WAHYUNI

2023

Prosiding seminar internasional

### **Supply Chain Performance Measurement of Halal Frozen Food using Supply Chain Operation Reference (SCOR) Method**

JULIZA HIDAYATI , DINI WAHYUNI , IR H NAZARUDDIN MATONDANG MTPHD

2025

Jurnal nasional terakreditasi

### **Pengelolaan Biomassa Kayu Menjadi Biobriket dengan Teknologi Pirolisis sebagai Sumber Energi Terbarukan di Desa Kelambir, Kecamatan Pantai Labu, Provinsi Sumatera Utara**

DINI WAHYUNI

2021

Prosiding seminar internasional

### **Analysis of Halal Supply Chain in Chicken Meat Products using Human Error Perspective**

IRWAN BUDIMAN , DINI WAHYUNI , NAZARUDDIN

2013

Jurnal nasional

### **Perencanaan Produksi dan Kapasitas Jangka Menengah pada PT X**

IKHSAN SIREGAR , DINI WAHYUNI , DAVID HARTANTO

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2024

Prosiding seminar internasional

## **Halal Risk Identification in Chicken Slaughterhouses (Case Study in Medan City)**

NISMAH PANJAITAN , IRWAN , TITANIA MIRANDA SARI , NAILA SAHFA RIZKY , DINI WAHYUNI

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2017

Prosiding seminar nasional

## **IDENTIFIKASI UNSAFE ACTION DAN UNSAFE CONDITION DI LANTAI PRODUKSI SENG**

DINI WAHYUNI , NISMAH PANJAITAN

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2019

Prosiding seminar internasional

## **A design of bi objective optimization model palm refinery export supply chain network: a case sudy in Indonesia**

MEILITA TRYANA SEMBIRING , DINI WAHYUNI

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2021

Prosiding seminar internasional

## **Defining consumers requirement characteristic in halal slaughtering using quality function deployment approach**

DINI WAHYUNI , IR H NAZARUDDIN MATONDANG MTPHD

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2018

Artikel ilmiah

## **USULAN PERANCANGAN ALAT BANTU UNTUK MENGURANGI RISIKO CEDERA MUSCULOSKELETAL PADA PEKERJA DI CV. XYZ**

DINI WAHYUNI

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2021

Prosiding seminar internasional

## **The Effect of Illumination on Work Result in Sorting Department**

DINI WAHYUNI

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2017

Jurnal nasional

## **PERANCANGAN ALAT PENGGEMBUR TANAH UNTUK PETANI PALAWIJA (STUDI KASUS PADA DESA KUBUCOLIA KABUPATEN KARO)**

MEILITA TRYANA SEMBIRING , DINI WAHYUNI

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2019

Prosiding seminar internasional

## **Analysis of workload and number of workers in brick SMEs**

MEILITA TRYANA SEMBIRING , DINI WAHYUNI , NISMAH PANJAITAN

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2020

Prosiding seminar internasional

## **Slaughtering system design in halal beef supply chain using value chain analysis**

IR H NAZARUDDIN MATONDANG MTPHD , DINI WAHYUNI

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2019

Prosiding seminar nasional

## **Analisis Sistem Penyeblihan Pada Rantai Pasok Daging Sapi Halal**

DINI WAHYUNI

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2019

Prosiding seminar nasional

## **Reduksi Waste pada Aktivitas Perawatan Cabin Pesawat Udara dengan Pendekatan Lean Manufacturing**

DINI WAHYUNI

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2017

Prosiding seminar nasional

## **Analisis Beban Kerja dan Jumlah Pekerja pada Kegiatan Pengemasan Tepung**

## Beras

MEILITA TRYANA SEMBIRING , DINI WAHYUNI

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## Researches

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2023

### **Pengukuran Kinerja Halal pada UMKM dengan Pendekatan Supply Chain Operation Reference (SCOR)**

IR H NAZARUDDIN MATONDANG MTPHD , NISMAH PANJAITAN , DINI WAHYUNI

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2016

Penelitian Hibah Bersaing

### **Reduksi Produk Cacat Pada Unit Pencetakan Dengan Pendekatan Poka Yoke Dan Perbaikan Pencahayaan Ruang Kerja**

NISMAH PANJAITAN , DINI WAHYUNI

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2022

### **Pengukuran Kinerja Rantai Pasok Pangan Halal**

IR H NAZARUDDIN MATONDANG MTPHD , NISMAH PANJAITAN , DINI WAHYUNI

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2022

### **Pengelolaan Risiko Halal dengan Tinjauan Ergonomi pada Pengolahan Daging Ayam**

NISMAH PANJAITAN , DINI WAHYUNI

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2021

### **Pengembangan model pengukuran kinerja manufaktur pangan halal**

IR H NAZARUDDIN MATONDANG MTPHD , DINI WAHYUNI

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2020

### **Pengembangan model pengukuran tingkat kesiapan umkm dalam proses sertifikasi produk pangan halal**

IR H NAZARUDDIN MATONDANG MTPHD , DINI WAHYUNI

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2014

### **Pengembangan Model Fractional Factorial Design pada Percobaan N Faktor Dengan Penyelesaian Taguchi**

NISMAH PANJAITAN , DINI WAHYUNI

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## Community Services

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2010

Ipteks Bagi Masyarakat

### **Ibm industri kecil di kotamadya Medan**

DINI WAHYUNI , HUMALA L NAPITUPULU

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2024

### **Ergonomi untuk Masa Depan: Sosialisasi Pentingnya Ergonomi bagi Siswa SMA**

NISMAH PANJAITAN , DINI WAHYUNI , TUTI SARMA SINAGA

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2012

Ipteks Bagi Masyarakat

### **Peningkatan teknologi dan produktivitas kelompok usaha pengrajin sepatu kulit di desa sukaramai 1 kecamatan medan area**

DINI WAHYUNI , ANIZAR , TUTI SARMA SINAGA

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2022

KKN Pembelajaran Pemberdayaan Masyarakat

## **Pengelolaan Lingkungan Sehat, Bersih dan Nyaman dengan Penerapan Teknologi Proses Pengolahan Sampah**

DINI WAHYUNI , ROSDANELLI HASIBUAN

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2020

### **Pemanfaatan limbah rumah tangga menjadi eco enzim pada desa sentang kecamatan teluk mengkudu kabupaten serdang bedagai**

DINI WAHYUNI , MUHAMMAD TURMUZI , RONDANG TAMBUN , HAMIDAH HARAHAHAP

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2024

### **Pembuatan Rumah Jamur dan Tempat Pembibitan, di Desa Klambir, Kecamatan Pantai Labu, Kabupaten Deli Serdang**

DINI WAHYUNI , ROSDANELLI HASIBUAN

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2016

### **Pentingnya Pencerahan Pengetahuan Produk Halal dan Baik pada Makanan dan Kosmetik Bagi Siswa-siswa SMA Yayasan Sekolah Terpadu Khairul Imam**

NISMAH PANJAITAN , DINI WAHYUNI

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2016

### **Edukasi pentingnya mengenali kehalalan dan aman suatu produk kepada pelajar SMP kelas 8B dan 8C yaayasan pendidikan Harapan 3 Medan**

M. SABRI , DINI WAHYUNI

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## **Intellectual Property Rights**

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2017

Hak cipta nasional

### **Peran Teknologi dalam Manufaktur**

NISMAH PANJAITAN , DINI WAHYUNI , DOSTAMA WINDA PURBA , FAIZAH SALSABILA

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2017

Hak cipta nasional

### **Ergonomi Untuk Masa Depan : Sosialisasi Pentingnya Ergonomi Bagi Siswa/i SMK**

DINI WAHYUNI , TUTI SARMA SINAGA , NISMAH PANJAITAN

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