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*Prof. Ir. Rosnani Ginting, M.T., Ph.D., dilahirkan di Binjai pada tanggal 21 Februari 1963, merupakan seorang dosen Teknik Industri di Universitas Sumatera Utara dengan bidang ilmu Perancangan dan Pengembangan Produk, Perencanaan dan Pengawasan Produksi, and Perancangan Manufaktur. Beliau menyelesaikan pendidikan terakhirnya pada jenjang S3 di School of Mechanical Engineering, Universitas Sains Malaysia pada tahun 2017.*

## Publications

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2026

Jurnal internasional bereputasi

### **Developing a Port Handling Model to Support Cross-Docking in Archipelagic Logistics: A Discrete-Event Simulation Study**

ALBERTUS LAURENSIUS SETYABUDHI , ROSNANI GINTING , HERMANSYAH , MEYLIA VIVI PUTRI , AMELIA RACHMI NASUTION , OKTA VEZA

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## **Grass chopper machine redesign for reducing assembly cost and easier service using integration between design for assembly and design for serviceability**

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## **Additive Manufacturing in Prosthetics Field: A Literature Review**

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## **Improvement of Transtibial Leg Prosthesis Design Using Reverse Engineering and Additive Manufacturing Methods**

AULIA ISHAK , ROSNANI GINTING , ELSA SRI ERJUNI RUMAPEA , Pramodkumar Kataraki , Ahmad Faiz Zubair

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2025

## **Analisis Risiko Bahaya Ergonomi pada Lingkungan Kerja Unit Laundry Rumah Sakit dengan Metode Hazard and Operability Study (HAZOP)**

SUCI AYU LESTARI , LISTIANI NURUL HUDA , ROSNANI GINTING , ROJA SAFITRIYAWI , TYA ULFAH

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## **Re-Design of Dental Chair Equipment Using Kansei Engineering Method and Quality Function Deployment**

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## **Product development and design with a combination of design for manufacturing or assembly and quality function deployment: A literature review**

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## **Integration of quality function deployment and value engineering: A case study of designing a texon**

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## **The Application of Quality Function Deployment and Ergonomics: A Case Study for A New Product Design of A Texon Cutting Tool**

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## **The application of lean manufacturing to minimize waste in Crude Palm Oil (CPO) production process at PT. XYZ**

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## **Prioritizing critical parts of crumb rubber product by using quality function deployment (QFD) phase II : Product design matrix**

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## **IDENTIFIKASI KEPUASAN KONSUMEN TERHADAP ATRIBUT PRODUK PEMBANGKIT LISTRIK ENERGI ALTERNATIF DENGAN MENGGUNAKAN KANOS MODEL DI LANGKAT**

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## **The Integration of Kano's Model and Quality Function Deployment: A Case Study for Design of An Alternative Energy Utilization**

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## **Integrating Kano's model into quality function deployment for product design: A comprehensive review**

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## **IDENTIFIKASI KEINGINAN EMOSIONAL PERAWAT PADA ALAT HEMODIALISIS DI RUMAH SAKIT DELI SERDANG**

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## **Perancangan alat penyadap karet di Kabupaten Langkat Sumatera Utara dengan Metode Quality Function deployment (QFD) dan Model Kano**

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## **Perbaikan Rancangan Produk Spring Bed dengan Menggunakan Metode Quality Function Deployment**

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## **Penilaian Proses Perakitan Produk Saklar dengan Metode Qfd di PT X**

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## **Analisis Kinerja dan Penghasilan Beberapa Trayek Angkutan Umum di Kota Medan**

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## **Kajian Desain Assistive Design pada Penyandang Arthritis dengan Penerapan Quality Function Deployment**

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### **Kajian Desain Produk Untuk Keberlanjutan pada Alat Kesehatan Gigi dan Mulut di Kota Medan**

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### **KAJIAN DESAIN PRODUK ELEKTRONIK KIPAS ANGIN DENGAN MENGGUNAKAN INTEGRASI VALUE ENGINEERING DAN QUALITY FUNCTION DEPLOYMENT**

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Penelitian Hibah Bersaing

### **PERANCANGAN PRODUK TONG SAMPAH KOMPOS DENGAN METODE AXIOMATIC DESIGN, QUALITY FUNCTION DEPLOYMENT (QFD), SERTA APLIKASI VALUE ENGINEERING**

ROSNANI GINTING , AULIA ISHAK

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2016

### **Perancangan Alat Pemotong Pola Texon Bagi UKM Sepatu Berbasis Pengguna Secara Pendekatan Ergonomi**

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