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Mrs. Dewi Sartika Br Ginting was born in Medan on May 4, 1990. She obtained her bachelor degree in Informatics Engineering at Universitas Katolik Santo Thomas SU Medan and then continued her master study in Informatics Engineering at Universitas Sumatera Utara.

Mrs. Dewi Sartika Br Ginting is a lecturer in the Computer Science Study Program at Fasilkom-IT USU. In the course of her career she has participated in many trainings such as Lokakarya Program Pengembangan Keterampilan Dasar Teknik Instruksional (PEKERTI) Angkatan LIX (59) in 2019, Lokakarya Applied Approach (AA) Angkatan XLVIII (48), trainings on the development of effective learning methods in Higher Education, foreign language training for young lecturers, public speaking training, writing scientific papers and many other trainings. She is also active in organizational activities such as joining the executive committee of International Conference on Computing and Applied Informatics (ICCAI) 2020, joining Gugus Kendali Mutu (GKM) for the Computer Science Undergraduate Study Program, and is the executive secretariat of the International Conference on Data Science, Artificial Intelligence. Intelligence and Business Analytics (DATABIA) 2021.

Data Mining, Decision Support System, and Data Science are research fields that are occupied by Ms. Dewi Sartika Br Ginting. She is also often invited to be a resource person for training such as Online Lecture Workshop for Lecturers of FMIPA USU 2020 and E-learning training for Lecturers of FMIPA USU 2021.

There are some advices and wise words that are always remembered by Mrs. Dewi Sartika Br Ginting:

Pray for what you do and work for what you pray for.

"If you don't come from a rich family, a rich family must come from you. Claim it!" - Tinashe Msipa.

Publications

2024

Prosiding seminar internasional

Visualizing Adidas and Nike Customer Segments Using K-Means Clustering

DEWI SARTIKA BR GINTING , MUHAMMAD AZI MAULANA MANRU , WILBERT NEILSON SACHIO , IVANNY PUTRI MARIANTO , ABIYAN AGITIA TARIGAN

2017

Jurnal internasional

Modification of Symmetric Cryptography with Combining Affine Chiper and Caesar Chiper which Dynamic Nature in Matrix of Chiper Transposition by Applying Flow Pattern in the Planting Rice

DEWI SARTIKA BR GINTING , RAHMAT WIDIA SEMBIRING , MUHAMMAD ZARLIS

2024

Prosiding seminar internasional

Analysis of Combination K-Means Clustering and Technique for Order Preference by Similarity in Recommendation of Scholarship

DEWI SARTIKA BR GINTING , POLTAK SIHOMBING

2021

Jurnal internasional bereputasi

Combination AHP and TOPSIS methods optimizes performance of decision support system for the recipients family hope program in Huta Limbong Padang Sidempuan

DEWI SARTIKA BR GINTING

2023

Jurnal nasional terakreditasi

Increasing the Interests and Talents of Children in Titi Payung Village in Learning English and Malay

DEWI SARTIKA BR GINTING

2024

Prosiding seminar internasional

Implementation of Multimedia Development Life Cycle (MDLC) Method in Smart Comic Learning Based on Augmented Reality

DEWI SARTIKA BR GINTING

2017

Jurnal nasional

Kriptografi Simetris Dengan Kombinasi Hill cipher Dan Affine Cipher Di Dalam Matriks Cipher Transposisi Dengan Menerapkan Pola Alur Bajak Sawah

MUHAMMAD ZARLIS , DEWI SARTIKA BR GINTING

2024

Prosiding seminar internasional

Philosophy of Computer Science on Prediction of Human Liver Disease with Comparative Analysis Methods on Machine Learning

DEWI SARTIKA BR GINTING

2025

Prosiding seminar internasional

Visualizing Adidas and Nike Customer Segments Using K-Means Clustering

DEWI SARTIKA BR GINTING

2021

Jurnal nasional

Analisis Monte Carlo dalam Memprediksi Jumlah Penambahan Gerai Alfamart setiap Tahunnya di Indonesia

DEWI SARTIKA BR GINTING

2026

Prosiding seminar internasional

Implementation of Software Development Life Cycle (SDLC) and Agile Methods in Mobile-Based Learning to Improve Maternal Understanding of Stunting

SITI NUR SALSABILA , DONA LORENZA , DAFFA PRAWIRA AKBAR , TIARA BELLA DWIYANTI SITEPU , RAFI FAUZAN TSANY LUBIS , DEWI SARTIKA BR GINTING

2023

Jurnal nasional terakreditasi

Web-Based Expert System for Diagnosis Mycetoma Using Dempster-Shafer Methods

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2023

Jurnal nasional terakreditasi

The Importance of Empowering Farmers to Make Compost in an Effort to Improve the Quality of Agriculture Products in Titi Payung

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2024

Prosiding seminar internasional

Automated Indonesian Essay Scoring and Holistic Feedback Using Bidirectional Encoder Representations for Transformers

AMALIA , MAYA SILVI LYDIA , DEWI SARTIKA BR GINTING , DANI GUNAWAN , FARADHILA AULIA UTAMI TANJUNG

2020

Jurnal nasional terakreditasi

Active learning for middle school based on information technology in SMA Negeri 1 Dolok Batu Nanggar

2017

Jurnal internasional bereputasi

The Combination of RSA and Block Cipher Algorithms to Maintain Message Authentication

DEWI SARTIKA BR GINTING

2024

Jurnal nasional

Children Education and Empowerment in an Effort to Improve Healthy Habits in Titi Payung

DEWI SARTIKA BR GINTING

2026

Prosiding seminar internasional

Abalone Age Classification Based on Physical Characteristics Using the C4.5 Algorithm Approach

IVANNY PUTRI MARIANTO , FELICIA JENNIFER FEBIOLA SIMARMATA , DEWI SARTIKA BR GINTING

2024

Jurnal internasional bereputasi

Enhancing CURE Algorithm with Stochastic Neighbor Embedding (CURE-SNE) for Improved Clustering and Outlier Detection

DEWI SARTIKA BR GINTING

Researches

2021

Penelitian Dana Lokal Perguruan Tinggi

KLASIFIKASI MUTU KUBIS DENGAN MEMANFAATKAN CITRA DIGITAL MENGGUNAKAN METODE SUPPORT VECTOR MACHINE UNTUK PENINGKATAN KUALITAS PERTANIAN SUMATERA UTARA

DEWI SARTIKA BR GINTING

Community Services

2024

Smart System Berbasis Web Pada Prediksi Kesehatan Mental Untuk Edukasi Masyarakat Desa Tangkahan Dalam Mendukung Kehidupan Sehat Dan Sejahtera

DEWI SARTIKA BR GINTING , ADE SARAH HUZAIFAH

2021

STRATEGI PENJUALAN DAN PENGEMBANGAN USAHA SECARA ONLINE SEBAGAI UPAYA MENINGKATKAN PRODUKTIVITAS DAN PENGHASILAN MASYARAKAT DAN KELOMPOK PKK DI KELURAHAN RAMBUNG BARAT BINJAI PADA MASA PANDEMI COVID 19

DEWI SARTIKA BR GINTING

2020

Ipteks Bagi Masyarakat

Pembelajaran Aktif untuk Tingkat Sekolah Menengah Atas berbasis Teknologi Informasi di SMA Negeri 1 Dolok Batu Nanggar

ANDY CANDRA , TULUS JOSEPH HERIANTO , DEWI SARTIKA BR GINTING

Intellectual Property Rights

2024
Hak cipta nasional

Aplikasi Mobile Untuk Mendeteksi Kerusakan Mesin Mobil

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2024
Hak cipta nasional

Implementasi Gated Recurrent Unit (GRU) Untuk Memprediksi Gangguan Mental Pada Mahasiswa Berbasis Website

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2024
Hak cipta nasional

Aplikasi Mobile Berbasis Android Untuk Screening Dan Pencegahan Stunting

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2024
Hak cipta nasional

Sistem Pakar Berbasis Web Untuk Diagnosis Obsessive Compulsive Disorder Dan Obsessive Compulsive Personality Disorder Dengan Metode Tsukamoto

DEWI SARTIKA BR GINTING

2024
Hak cipta nasional

WiseWaste : Solusi Cerdas Meningkatkan Sinergi Pemerintah Dan Masyarakat Dengan Pengelolaan Sampah Modern, Menuju Capaian Strategi Sanitasi Medan 2025

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