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Mrs. T. Henny Febriana Harumy S.Kom., M.Kom was born in Banda Aceh on February 19, 1988. Mrs. Henny is known as a person who is very fond of learning so much so that she got her master degree from two universities, namely Universitas Sumatera Utara, majoring in Information Technology and UPI YTPK Padang, majoring in Development Economics. Previously, she received her bachelor degree at Universitas Pembangunan Pancabudi, Medan in 2010 to be precise, majoring in Computer Systems. Currently, she wants to immediately realize her dream to continue her doctoral study.

Mrs. Henny has attended quite a lot of training which she received directly from Universitas Sumatera Utara as well as from outside of it. Some of them are the Lokakarya Program Pengembangan Keterampilan Dasar Teknik Instruksional (PEKERTI) Angkatan LIX (59) in 2019 which was obtained directly from Universitas Sumatera Utara and Pelatihan Penguatan Kompetensi Teknis Bidang Tugas Pelatihan Dasar CPNS Angkatan IV for 20 hours of learning, which was held from 23 March 2020 until March 27, 2020 by Pusat Pendidikan dan Pelatihan Pegawai Kementerian Pendidikan dan Kebudayaan Number : 01448/01/PP/2020.

Not only that, Mrs. Henny has also won quite a number of awards, such as the Scientific Writing Competition for Research and Development at the North Sumatra Province level in 2015 (awarded second place), Makassar Regional Nextdev in 2016 (awarded first place), Scientific Writing Competition for the BP3TI Bakti Contest, Ministry of Communications and Informatics National Level in 2017 (awarded third place), and the most recent award she received was Finalist of the 20 Best Startup Startup4Industry of the Ministry of Industry 2021, and there are many other awards. What is certain is that for the following years she will continue to pursue new achievements.

Therefore, apart from being trusted as a lecturer at Universitas Sumatera Utara in the Computer Science Undergraduate Study Program, Mrs. Henny is also a member of Aptikom.

"The best human is one who can always be useful for others and always istiqomah, that is the key to success in life." And indeed, it was these words that made Mrs. Henny become a successful person with her achievements.

Publications

2026

Prosiding seminar internasional

Automatic Postharvest Corn Quality Classification Using CNN: A Comparative Study of ResNet50 and VGG16

FUZY YUSTIKA MANIK , T.HENNY FEBRIANA HARUMY , NUR WULAN , WIDA AKASAH

2025

Jurnal internasional bereputasi

EVALUATING DEEP LEARNING ARCHITECTURES FOR CO2 EMISSIONS FORECASTING: TCN, LSTM, AND HYBRID APPROACHES WITH HYPERPARAMETER OPTIMIZATION

T.HENNY FEBRIANA HARUMY

2025

Jurnal nasional

Enhancing Capacity of Physical Education Teachers Integrated Physical Literacy Into Sport And Health Education To Improve Student Wellness

DR SUNNA VYATRA HUTAGALUNG , YETTY MACHRINA , DINA KEUMALA SARI , T.HENNY FEBRIANA HARUMY , Gaurav Pant

2024

Prosiding seminar internasional

Automatic Calculation and Detection of Fish Maturity Levels Using Imagery

and CNN Methods

T.HENNY FEBRIANA HARUMY , VINDY RILANI MANURUNG , FUZY YUSTIKA MANIK

2024

Prosiding seminar internasional

Identification Of Pineapple Maturity Utilizing Digital Image Using Hybrid Machine Learning Method

FUZY YUSTIKA MANIK , T.HENNY FEBRIANA HARUMY , WIDA AKASAH

2024

Prosiding seminar internasional

Identification Of Pineapple Maturity Utilizing Digital Image Using Hybrid Machine Learning Method

T.HENNY FEBRIANA HARUMY

2024

Prosiding seminar internasional

Comparison Analysis of Johnson's Algorithm and A-Star Iterative Deepening Algorithm in Determining The Nearest Vaccination Location Route

HAYATUNNUFUS , ALTAHA , T.HENNY FEBRIANA HARUMY

2024

Prosiding seminar internasional

Analysis of Leaf Morphological Features for Identification of Medicine Plants Using Support Vector Machine

T.HENNY FEBRIANA HARUMY

2023

Jurnal nasional terakreditasi

Prediction of Dengue Fever in Coastal Areas of North Sumatera (Kuala Namu and Belawan) With Random Forest and Support Vector Machine (SVM) Methods

HAYATUNNUFUS , T.HENNY FEBRIANA HARUMY , SUZI SURBAKTI

2022

Jurnal nasional terakreditasi

Pembuatan Media Pembelajaran Interaktif Canva Bersama Guru Yayasan Harum Sentosa Sebagai Upaya Meningkatkan Minat Belajar Siswa

NUZULIATI , T.HENNY FEBRIANA HARUMY

2022

Jurnal internasional bereputasi

Optimization Classification of Diseases Which is Dominant Suffered by Coastal Areas Using Neural Network

FUZY YUSTIKA MANIK , T.HENNY FEBRIANA HARUMY

2021

Prosiding seminar internasional

Sentiment Analysis Using Simple K-Means to Cluster Tourist in Ecotourism Destination in Sumatera " Indonesia

T.HENNY FEBRIANA HARUMY

2021

Prosiding seminar internasional

Optimization Classification of Diseases Which is Dominant Suffered by Coastal Areas Using Neural Network

FUZY YUSTIKA MANIK , T.HENNY FEBRIANA HARUMY

2020

Prosiding seminar internasional

Innovation of " Farmers" and Auction"(Hukaku)" Mobile Applications for Increasing Productivity and Market Access to Land Groups in Cinta Dame Village Kecamatan Simanindo Samosir

T.HENNY FEBRIANA HARUMY

2020
Prosiding seminar internasional

Optimization Neural Network of Election of Investment Sector and Mapping of the Best Investment Are in the Terrible Area

T.HENNY FEBRIANA HARUMY

2020
Prosiding seminar internasional

Prediction for Dengue Fever in Indonesia Using Neural Network and Regression Method

T.HENNY FEBRIANA HARUMY

2019
Prosiding seminar internasional

Short Message Service Fish Notification Microcontroller System as an Alternative Tool for Income Generation Fisherman

T.HENNY FEBRIANA HARUMY

2018
Jurnal internasional

Trap (Rumpon) environment friendly based on microcontroller to increase fisherman's revenue

T.HENNY FEBRIANA HARUMY

2018
Jurnal internasional bereputasi

Implementation Of Desain Kita Application To Increase Earnings Printing Indonesia

T.HENNY FEBRIANA HARUMY

2016
Jurnal nasional

Sistem Penunjang Keputusan Penentuan Jabatan Manager Menggunakan Metode MFEP Pada Cv. Sapo Durin

INDRI SULISTIANINGSIH , T.HENNY FEBRIANA HARUMY

2016
Buku lainnya

Belajar Dasar Algoritma dan Pemrograman C++

INDRI SULISTIANINGSIH , T.HENNY FEBRIANA HARUMY

2016
Prosiding seminar internasional

A classification method for prediction of qualitative properties of multivariate EEG-P300 signals

T.HENNY FEBRIANA HARUMY

2016
Jurnal internasional bereputasi

Backpropagation model for BIDIKMISI recipients

T.HENNY FEBRIANA HARUMY

Researches

2025
Penelitian Unggulan Perguruan Tinggi

"Desain Kita" Aplikasi Produk Custom Berbasis Kecerdasan Buatan untuk Industri Kreatif

T.HENNY FEBRIANA HARUMY , MOHAMMAD GAHARA BASTARI , RIAH UKUR GINTING

2025
Penelitian Unggulan Perguruan Tinggi

Arkan Innovation - Umrah and Hajj Digital Services

T.HENNY FEBRIANA HARUMY , MOHAMMAD GAHARA BASTARI

2025

Integrasi Deep Learning Visual untuk Monitoring Mutu dan Hilirisasi Cerdas Komoditas Strategis Jagung Sebagai Pangan Alternatif Menuju Ketahanan Pangan Berkelanjutan

T.HENNY FEBRIANA HARUMY , WIDA AKASAH , FUZY YUSTIKA MANIK

2023

Sistem Prediksi Tingkat Kematangan Ikan Secara Non-Destruktif Berdasarkan Citra Digital untuk Mendukung Ketahanan Pangan dan Keberlanjutan Sumber Daya Perikanan di Daerah Dataran Tinggi

T.HENNY FEBRIANA HARUMY , FUZY YUSTIKA MANIK

2022

Penelitian Dana Lokal Perguruan Tinggi

Inovasi Sistem Cerdas Hybrid Machine Learning Untuk Penanganan Pasca Panen Hasil Pertanian Dalam Upaya Peningkatan Mutu Komoditas Hortikultura

T.HENNY FEBRIANA HARUMY , WIDA AKASAH , FUZY YUSTIKA MANIK

2021

Penelitian Dana Lokal Perguruan Tinggi

OPTIMALISASI MODEL PROTIS NEURAL NETWORK UNTUK KLASIFIKASI PENYAKIT YANG DOMINAN DIDERITA MASYARAKAT DALAM UPAYA PENINGKATAN KUALITAS KESEHATAN DI WILAYAH PESISIR SUMATERA UTARA

T.HENNY FEBRIANA HARUMY , FUZY YUSTIKA MANIK , ALTAHA

2018

Penelitian Dosen Pemula

Efektifitas Jala Nelayan (Rumpon) Berbasis Micro Controler Dan Sms Content Sebagai alat tangkapan Alternatif untuk Peningkatan Pendapatan Nelayan Kecamatan Bagan Deli Belawan

T.HENNY FEBRIANA HARUMY

Community Services

2025

KMB Program Inkubasi Pengembangan Bisnis Digital Starup Mahasiswa dalam Upaya Optimalisasi Bisnis Mahasiswa yang Berkelanjutan

T.HENNY FEBRIANA HARUMY , NUZULIATI

2024

Kerjasama Luar Negeri dan Publikasi Internasional

Peningkatan Kapasitas Guru Olahraga Mengintegrasikan Literasi Jasmani Melalui Pendidikan Olahraga dan Kesehatan Untuk Meningkatkan Kesehatan dan Kebugaran Siswa

DR SUNNA VYATRA HUTAGALUNG , YETTY MACHRINA , T.HENNY FEBRIANA HARUMY , DINA KEUMALA SARI , ADITYA NAFIDZ FARHAN , YOEL ANDARA PUTRA LAOLI , ROCKY CHARLES ANDREAS SIHOMBING , Gaurav Pant

2024

KBM PROGRAM INKUBASI PENGEMBANGAN BISNIS DIGITAL STARTUP MAHASISWA DALAM UPAYA OPTIMALISASI BISNIS MAHASISWA YANG BERKELANJUTA

T.HENNY FEBRIANA HARUMY , NUZULIATI

2024

Biomedik

Peningkatan Kapasitas Guru Olahraga Mengintegrasikan Literasi Jasmani Melalui Pendidikan Jasmani, Olahraga dan Kesehatan Untuk Meningkatkan Kesehatan dan Kebugaran Siswa

2016

IMPLEMENTASI APLIKASIE-OFFICE UNTUKMENDUKUNG PENERAPANE-GOVERMENT DI. PT AGINCOURT RESOUCES SHELTER TOR SIPALPAL KAB. SIBOLGA

MUHAMMAD IQBAL , T.HENNY FEBRIANA HARUMY , ZULHAM SITORUS

2016

Pelatihan Pemanfaatan Software Geogebra Untuk Menunjang Pencapaian Standar Kompetensi Guru Matematika dan Siswa Pada SMA Dharma Patra Pangkalan Brandan

T.HENNY FEBRIANA HARUMY , ZULHAM SITORUS , KANA SAPUTRA S

Intellectual Property Rights

2025

Hak cipta nasional

AUTOMATIC CALCULATION AND DETECTION

FUZY YUSTIKA MANIK , T.HENNY FEBRIANA HARUMY , VINDY RILANI MANURUNG

2024

Hak cipta nasional

Demenion (Dementia Companion): Aplikasi Pintar Deteksi Dini Dan Pendampingan Orang Dengan Demensia

GABRYELLE NINNA DEFFANYA SIAHAAN , PUTRIJA BR. MALAU , GERY JONATHAN MANURUNG , T.HENNY FEBRIANA HARUMY

2024

Hak cipta nasional

3C Patrol

GIDEON TOGAP HATA OLOAN MANURUNG , ADELWEYS MARGARETHA SIJABAT , AURELIA PRISCILIA SIMAMORA , T.HENNY FEBRIANA HARUMY

2022

Hak cipta nasional

Video Pembelajaran Algoritma Dan Pemrograman

T.HENNY FEBRIANA HARUMY

2022

Hak cipta nasional

ARTIFICIAL NEURAL NETWORK: PENGUKURAN NILAI TAMBAH PRODUK MENGGUNAKAN ALGORITMA BACKPROPOGATION (STUDI KASUS DI CV. SAPO DURIN NATA DE COCO LANGKAT)

T.HENNY FEBRIANA HARUMY

2022

Hak cipta nasional

Modal Sosial Dalam Peningkatan Produk UMKM

T.HENNY FEBRIANA HARUMY

2021

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Aplikasi Desain Kita

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2021

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Pertemuan 3 Record, List Dan Tree Dalam Struktur Dat

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2021

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Pertemuan 2 Materi Pengenalan Struktur Data Dan Algoritma

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2021

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Pertemuan 1 Materi Kontrak Kuliah Struktur Data Dan Algoritma

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