

**PERSONAL INFORMATION:**

|                   |   |   |
|-------------------|---|---|
| Name              | : | Prof. Dr. Kusrini, M.Kom                  |
| Institution       | : | Universitas AMIKOM Yogyakarta             |
| NIK               | : | <a href="#">190302106</a>                 |
| Position          | : | Lecturer and Director of Graduate Program |
| Academic Position | : | Professor (Guru Besar)                    |
| Grade             | : | IVB                                       |
| Email             | : | kusrini@amikom.ac.id                      |
| Scopus Id         | : | <a href="#">36057015500</a>               |
| WOS Research Id   | : | <a href="#">C-7787-2015</a>               |
| Sinta Id          | : | <a href="#">153621</a>                    |
| Google Scholar Id | : | <a href="#">7llm_pwAAAAJ</a>              |
| IEEE Id           | : | 92728506                                  |

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| Facebook Id     | : | <a href="https://www.facebook.com/kusrini.iskandar/">https://www.facebook.com/kusrini.iskandar/</a>                             |
| Instagram Id    | : | <a href="https://www.instagram.com/kusriniamikom/">https://www.instagram.com/kusriniamikom/</a>                                 |
| LinkIn Id       | : | <a href="https://www.linkedin.com/in/kusrini-kusrini-5105134b/">https://www.linkedin.com/in/kusrini-kusrini-5105134b/</a>       |
| Youtube Channel | : | <a href="https://www.youtube.com/channel/UCM_hAM_pqBsU1l6r1i8vrDQ">https://www.youtube.com/channel/UCM_hAM_pqBsU1l6r1i8vrDQ</a> |

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#### **WORK EXPERIENCE:**

|             |   |  |
|-------------|---|--|
| 2016 – Now  | : | Director of Graduate Program Universitas AMIKOM Yogyakarta         |
| 2021 – Now  | : | Professor at Universitas AMIKOM Yogyakarta                         |
| 2013 – 2021 | : | Associate Professor at Universitas AMIKOM Yogyakarta               |
| 2012 – Now  | : | Director of CV.iTrace (Software house and IT Training Center)      |
| 2010 – 2016 | : | Deputy of Director Postgraduate Program at STMIK AMIKOM Yogyakarta |
| 2003 – Now  | : | Lecturer in STMIK/Universitas AMIKOM Yogyakarta                    |
| 2002 – 2007 | : | Director of CV Surya Cipta Solusi Informatika (IT Consultant)      |
| 1999 – 2002 | : | Programmer in Computer Center, Universitas Gadjah Mada             |

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#### **EDUCATION:**

|           |   |  |
|-----------|---|--|
| 2007-2010 | : | Dr. (PhD.), Computer Science                   |
|           |   | Universitas Gadjah Mada, Yogyakarta, Indonesia |
| 2004-2006 | : | M.Kom. (Master), Computer Science              |
|           |   | Universitas Gadjah Mada, Yogyakarta, Indonesia |
| 1997-2002 | : | S.Kom. (Bachelor), Computer Science            |
|           |   | Universitas Gadjah Mada, Yogyakarta, Indonesia |

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**TRAINING:**

|      |   |  |
|------|---|--|
| 2020 | : | Introduction to Structured Query Language (SQL)                    |
|      |   | Coursera   |
| 2019 | : | Training: Python Fundamental for Data Science                      |
|      |   | DQLab  |
| 2019 | : | Training: A Gentle Introduction to Deep Learning using Keras       |
|      |   | Udemy  |
| 2015 | : | Certification Preparation Training for MTA : Database Fundamentals |

|      |   |   |
|------|---|---|
|      |   | Microsoft Innovation Center, Yogyakarta Indonesia         |
| 2014 | : | Training : SAP SAP01 – SAP Overview                       |
|      |   | Edugate – PT SAP Indonesia                                |
| 2014 | : | Training : SAP SAP01 – SAP Overview                       |
|      |   | Edugate – PT SAP Indonesia                                |
| 2014 | : | TFT : SAP AC010 –Business Process in Financial Accounting |
|      |   | Edugate – PT SAP Indonesia                                |
| 2010 | : | Oracle 10G PL/SQL   |
|      |   | Inixindo Training Center Yogyakarta                       |
| 2010 | : | Database Administration 1                                 |
|      |   | Inixindo Training Center Yogyakarta                       |
| 2006 | : | Data Warehouse using MS SQL 2000                          |
|      |   | Inixindo Training Center Yogyakarta                       |

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**RESEARCH GRANT:**

- 2020; Sistem Cerdas Pendeteksi dan Pengendalian Hama pada Tanaman Mangga berbasis Perangkat Mobile (Smart System of Pest Detection and Control on Mango Plants based on Mobile Devices); Ministry of Higher Education; Principal Investigator;
- 2019; Deteksi Citra Pornografi Dengan Metode YCbCr Dan Color Space Pada Computer Vision (Pornography Images Detection with YCbCr Method and Color Space in Computer Vision); Ministry of Higher Education; Principal Investigator;
- 2019; Sistem Cerdas Pendeteksi dan Pengendalian Hama pada Tanaman Mangga berbasis Perangkat Mobile (Smart System of Pest Detection and Control on Mango Plants based on Mobile Devices); Ministry of Higher Education; Principal Investigator;
- 2019; Sistem Prediksi Keterlambatan Pembayaran SPP (SPP Payment Late Prediction System); Universitas AMIKOM Yogyakarta; Principal Investigator;
- 2019; Optimasi Algoritma Apriori untuk Penentuan Barang Promo Pada Swalayan Citramart (Optimization of Apriori Algorithm for Determination of Promotional Items at Citramart Supermarket); Universitas AMIKOM Yogyakarta; Researcher Team;
- 2018; Analisis Interaksi Obat Dengan Memanfaatkan Data Dari Media Sosial (Analysis of Medicine Interaction Using Data from Social Media); Ministry of Higher Education; Principal Investigator;
- 2017; Uji Performa Openflow Agent Pada Switch Openflow Software-Based Berbasis Mikrotik Rb750 (Openflow Agent Performance Test on Openflow Software-Based Switch Based on Microtic Rb750); Ministry of Higher Education; Researcher Team;
- 2017; Pemetaan Potensi Pemanfaatan Dana Wakaf Tunai Untuk Kemandirian Ekonomi Mantan Tenaga Kerja Wanita Di Kabupaten Gunung Kidul Yogyakarta (Mapping the Potential Use of Cash Waqf Funds for Economic Independence of Former Women Workers in Gunung Kidul Regency, Yogyakarta); Ministry of Higher Education; Principal Investigator;
- 2016; Pemetaan Potensi Pemanfaatan Dana Wakaf Tunai Untuk Kemandirian Ekonomi Mantan Tenaga Kerja Wanita Di Kabupaten Gunung Kidul Yogyakarta (Mapping the Potential Use of Cash Waqf Funds for Economic Independence of Former Women Workers in Gunung Kidul Regency, Yogyakarta); Ministry of Higher Education; Principal Investigator;

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#### BOOK:

- 2009; Algoritma Data Mining; **Kusrini**, Emha Taufiq Luthfi; 978-979-29-0809-1; Andi Publisher;
- 2008; Aplikasi Sistem Pakar, Menentukan Faktor Kepastian Pengguna Dengan Metode Kuantifikasi Pertanyaan; **Kusrini**; 978-979-29-0570-0; Andi Publisher;

- 2007; Konsep Dan Aplikasi Sistem Pendukung Keputusan; **Kusrini**; 978-979-29-0152-8; Andi Publisher;
- 2007; Strategi Perancangan Dan Pengelolaan Basis Data; **Kusrini**; 979-763-824-3; Andi Publisher;
- 2007; Sistem Informasi Akuntansi; **Kusrini**; Andri Koniyo; ;
- 2006; Sistem Pakar Teori Dan Aplikasi; **Kusrini**; 979-763-172-9; Andi Publisher;
- 2004; Struktur Data Dan Pemrograman Dengan Pascal; **Kusrini**; 979-731-446-4; Andi publisher;

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#### INTERNATIONAL JOURNAL PUBLICATION:

- 2021; [Autonomous long-range drone detection system for critical infrastructure safety](#); Xindi Zang, **Kusrini**; Multimedia Tools and Applications, Januari 2021, 1163: Large-scale multimedia signal processing for security and digital forensics, <https://doi.org/10.1007/s11042-020-10231-x>
- 2021; [Security of facial biometric authentication for attendance system](#); Vera Wati, **Kusrini**, Hanif Al Fatta, Nitika Kapoor; Multimedia Tools and Applications, Januari 2021, 1163: Large-scale multimedia signal processing for security and digital forensics, <https://doi.org/10.1007/s11042-020-10246-4>
- 2021; [Sentiments Analysis of Customer Satisfaction in Public Services Using KNN Algorithm and NLP Approach](#); Elik Hari Muktafin, Pramono, **Kusrini**; Telkomnika, vol. 19, no. 1
- 2020; [Data augmentation for automated pest classification in Mango farms](#); **Kusrini**, Suputa Suputa, Arief Setyanto, I Made Artha Agastya, Herlambang Priantoro, Krishna Chandramouli, Ebroul Izquierdo; Computers and Electronics in Agriculture, Volume 179, December 2020, 105842
- 2018; [GIS-based decision support system for cash waqf distribution](#); **K. Kusrini**, K. C. Kirana, M. I. Purwanto, and A. D. Laksito; J. Theor. Appl. Inf. Technol., vol. 96, no. 3, pp. 701–711
- 2016; [Multi Features Content-Based Image Retrieval Using Clustering And Decision Tree Algorithm](#); **K. Kusrini**, M. D. Iskandar, and F. Wahyu Wibowo; TELKOMNIKA (Telecommunication Comput. Electron. Control., vol. 14, no. 4, p. 1480)
- 2016; [Paper distribution decision for multi-journal system](#); **K. Kusrini**; Asian J. Inf. Technol., vol. 15, no. 15, pp. 2549–2554
- 2010 [Differential Diagnosis Knowledge Building by Using CUC-C4 .5 Framework](#); **Kusrini**, Sri Hartati, Retantyo Wardoyo and Agus Harjoko; J. Comput. Sci., vol. 6, no. 2, pp. 180–185

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#### PUBLICATION IN INTERNATIONAL CONFERENCE:

- 2020; [User Evaluation of Mobile based Smart Mango Pest Identification](#); **Kusrini**, Suputa, Arief Setyanto, I Made Artha Agastya, Herlambang Priantoro, Fadlurahman, Krishna Chandramouli; 2020 8th International Conference on Cyber and IT Service Management (CITSM)
- 2020; [Twitter Data Analysis Using Machine Learning To Evaluate Community Compliance in Preventing the Spread of Covid-19](#); Nugroho Setio Wibowo, Rendy Mahardika, **Kusrini**; 2020 2nd International Conference on Cybernetics and Intelligent System (ICORIS)
- 2020; [Detection of Covid-19 in Chest X-ray Image using CLAHE and Convolutional Neural Network](#); Buyut Khoirul Umri, Muhammad Wafa Akhyari, **Kusrini**; 2020 2nd International Conference on Cybernetics and Intelligent System (ICORIS)
- 2020; [The Performance of Brain Tumor Diagnosis Based on Machine Learning Techniques Evaluation – A Systematic Review](#); Mohammad Omid Khairandish, Meenakshi Sharma, **Kusrini**; 2020 3rd International Conference on Information and Communications Technology (ICOIACT)
- 2020; [Decision Support System for Selection of Staples Food and Food Commodity Price Prediction Post-COVID-19 Using Simple Additive Weighting and Multiple Linear Regression Methods](#); Wahyu Hidayat, Mursyid Ardiansyah, **Kusrini**; 2020 3rd International Conference on Information and Communications Technology (ICOIACT)
- 2020; [KIP Recipient Decision Making For Students Affected by Covid\\_19 Pandemi Using Fuzzy MADM Method](#); Noor Abdul Haris, Muhammad Nidhom, Arif Setia Sandi Ariyanto, Hari Asgar, **Kusrini**; 2020 3rd International Conference on Information and Communications Technology (ICOIACT)
- 2020; [Nutrition and Lifestyle Recommendations for Patients Recovering from Covid-19 in Nusa Tenggara Barat Province](#); Firstyani Imannisa Rahma, Rizki Mawan, Harianto Harianto, **Kusrini**; 2020 2nd International Conference on Cybernetics and Intelligent System (ICORIS)
- 2020; [Decision Support System for Covid19 Affected Family Cash Aid Recipients Using the Naïve Bayes Algorithm and the Weight Product Method](#); Muhammad Ibnu Sa'ad, Doni Bryan, **Kusrini**, Supriatin; 2020 3rd International Conference on Information and Communications Technology (ICOIACT)
- 2020; [Classification Of X-ray COVID-19 Image Using Convolutional Neural Network](#); Ronaldus Morgan James, **Kusrini**, M. Rudyanto Arief; 2020 2nd International Conference on Cybernetics and Intelligent System (ICORIS)
- 2020; [Machine Learning Based Decision Support System for Determining the Priority of Covid–19 Patients](#); Arham Rahim, Muhamad Kurniawan, **Kusrini**; 2020 3rd International Conference on Information and Communications Technology (ICOIACT)
- 2020; [Student Prediction of Drop Out Using Extreme Learning Machine \(ELM\) Algorithm](#); Muhammad Ibnu Sa'ad, M. Syukri Mustafa, **Kusrini**; 2020 2nd International Conference on Cybernetics and Intelligent System (ICORIS)

- 2020; [Prediction of Student Graduation with Naive Bayes Algorithm](#); Hartatik, **Kusrini**, Agung Budi Prasetyo; 2020 Fifth International Conference on Informatics and Computing (ICIC)
- 2020; [Decision Support System For Determining The Provision Of Single Tuition Relief Using KNN and SAW Methods](#); Yovita Kinanti Kumarahadi, Erwin Apriliyanto, Donny Yulianto, **Kusrini**; 2020 8th International Conference on Cyber and IT Service Management (CITSM)
- 2019; [Optimization of weight backpropagation with particle swarm optimization for student dropout prediction](#); Sari, E.Y., **Kusrini**, Sunyoto, A; 2019 4th International Conference on Information Technology, Information Systems and Electrical Engineering (ICITISEE)
- 2019; [Comparison of naive bayes and K-NN method on tuition fee payment overdue prediction](#); **Kusrini, K.**, Luthfi, E.T., Muqorobin, M., Abdullah, R.W; 2019 4th International Conference on Information Technology, Information Systems and Electrical Engineering, ICITISEE 2019;
- 2019; [Comparison of SIFT and SURF methods for porn image detection](#); Hartatik, Setyanto, A., **Kusrini, K.**, Made Artha Agastya, I.; 2019 4th International Conference on Information Technology, Information Systems and Electrical Engineering, ICITISEE 2019;
- 2019; [The prototype of decision support system for selecting the lands of crops](#); Tobing, D.M.L., Kurniasih, J., Tetik, Y.N. , **Kusrini** ; 2019 4th International Conference on Information Technology, Information Systems and Electrical Engineering, ICITISEE 2019;
- 2019; [Prototype of Pornographic Image Detection with YCbCr and Color Space \(RGB\) Methods of Computer Vision](#); **Kusrini**, Fatta, H.A., Pariyasto, S., Widiyanto, W.W; 2019 International Conference on Information and Communications Technology, ICOIACT 2019;
- 2019; [Real time face expression classification using convolutional neural network algorithm](#); Wati, V., **Kusrini**, Fatta, H.A.; 2019 International Conference on Information and Communications Technology, ICOIACT 2019;
- 2019; [Temple rock damage detection system in digital image at borobudur conservation center](#); Lutfiyana, U., **Kusrini, K.**; 2019 International Conference on Information and Communications Technology, ICOIACT 2019;
- 2019; [Classification of spice types using k-nearest neighbor algorithm](#); Kaharuddin, **Kusrini**, Wati, V., Pawan, E., Hasan, P.; 2019 International Conference on Information and Communications Technology, ICOIACT 2019;
- 2019; [Apriori algorithm optimization using temporary table](#); Laksito, A.D., **Kusrini**; 2019 International Conference on Information and Communications Technology, ICOIACT 2019;
- 2018; [Analysis of Telkomsel's user internet service user satisfaction in social media twitter using R programming](#); K. Sussolaikah and **Kusrini**; 2018 3rd International Conference on Information Technology, Information Systems and Electrical Engineering, ICITISEE 2018, pp. 259–264;



- 2019; [Decision support system for stock prediction and supplier selection using least square and C4.5 algorithm](#); B. P. Candra, E. R. S. H. Saputra, Ruhamah, K. Wicaksono, and **K. Kusrini**; 2018 3rd International Conference on Information Technology, Information Systems and Electrical Engineering, ICITISEE 2018, pp. 241–246;
- 2019; [User Attitude Analysis in the Academic Information System](#); Dwindia Etika Profesi ; **Kusrini Kusrini** ; M Rudyanto Arief ; Julia Kurniasih; 2019 1st International Conference on Cybernetics and Intelligent System (ICORIS);
- 2019; [Sentiment Analysis In Twitter Using Lexicon Based and Polarity Multiplication](#); **Kusrini** ; Mochamad Mashuri; 2019 International Conference of Artificial Intelligence and Information Technology (ICAIIIT);
- 2018; [Pornographic Novel Criterion on Indonesian Cultural Background](#); H. Hartatik, A. Setyanto, and **K. Kusrini**; 2018 6th International Conference on Cyber and IT Service Management, CITSM;
- 2018; [Integration System of Voice Recognition and DC Motor Control Using Fuzzy Logic on Smart Wheel Chair](#); Y. T. K. Yuniar and **Kusrini**; Journal of Physics: Conference Series, , vol. 1140, no. 1.;
- 2018; [Decision Support System Model of Teacher Recruitment Using Algorithm C4.5 and Fuzzy Tahani](#); I. Asidik, **Kusrini**, and Henderi; Journal of Physics: Conference Series, , vol. 1140, no. 1;
- 2018; [Designing Decision Support System for Scholarship Prediction Using Adaptive Neuro Fuzzy Inference System Algorithm](#); A. Pujiyanto, **Kusrini**, and A. Sunyoto; Journal of Physics: Conference Series, 2018, vol. 1140, no. 1;
- 2018; [Implementation of Trend Moment Method for Stock Prediction as Supporting Production](#); B. P. Candra, **Kusrini**, and H. A. Fatta; Journal of Physics: Conference Series, 2018, vol. 1140, no. 1;
- 2018; [Convolutional Neural Network for Pornographic Images Classification](#); I Made Artha Agastya ; Arief Setyanto ; **Kusrini** ; Dini Oktarina Dwi Handayani; 2018 Fourth International Conference on Advances in Computing, Communication & Automation (ICACCA);
- 2018; [Pornographic Novel Criterion on Indonesian Cultural Background](#); Hartatik Hartatik ; Arief Setyanto ; **Kusrini Kusrini**; 2018 6th International Conference on Cyber and IT Service Management (CITSM);
- 2018; [Optimization of Clustering Algorithm on Decision Support System of Scholarship Recipients Using Analytical Hierarchy Process Method](#); R. Andriani, R. F. Amanullah, D. Ninosari, and **Kusrini**; Journal of Physics: Conference Series, 2018, vol. 1140, no. 1.;
- 2018; [Comparison of Gap Weighting Methods in a Combination of Profile Matching and Topsis in Decision Support System for Healthy Food Menu](#); B. T. Pratama, S. Rahayu, A. C. Frobenius, and **Kusrini**; Journal of Physics: Conference Series, 2018, vol. 1140, no. 1;
- 2018; [Supplier Selection Using Combined Method of K-Means and Intuitionistic Fuzzy Topsis](#); M. Mustika Dewi, **Kusrini**, and H. Al Fatta; 2018 International Seminar on Application for Technology of Information and Communication: Creative Technology for Human Life, iSemantic 2018, 2018, pp. 394–399.;

- 2018; [A Comparison Study of Search Strategy on Collecting Twitter Data for Drug Adverse Reaction](#); A. Dwi Laksito, **Kusrini**, H. Sismoro, F. Rahmawati, and M. Yusa; 2018 International Seminar on Application for Technology of Information and Communication: Creative Technology for Human Life, iSemantic 2018, 2018, pp. 356–360.;
- 2017; [Classification of intrusion detection system \(IDS\) based on computer network](#); D. A. Effendy, K. **Kusrini**, and S. Sudarmawan; 2017 2nd International Conferences on Information Technology, Information Systems and Electrical Engineering, ICITISEE 2017, 2018, vol. 2018-January, pp. 90–94;
- 2017; [On-Line Analytic Processing \(OLAP\) modeling for graduation data presentation](#); A. S. Tohir, K. **Kusrini**, and S. Sudarmawan; 2017 2nd International Conferences on Information Technology, Information Systems and Electrical Engineering, ICITISEE 2017, 2018, vol. 2018-January, pp. 132–135.;
- 2017; [GIS technology selection for visualization of independent economic modeling of former Woman Migrant Worker \(WMW\)](#); K. **Kusrini**, M. I. Purwanto, K. C. Kirana, and A. D. Laksito; 2017 5th International Conference on Cyber and IT Service Management, CITSM 2017, 2017;
- 2016; [Classification method of multi-class on C4.5 algorithm for fish diseases](#); Sucipto, **Kusrini**, and Emha Luthfi Taufiq; 2016 2nd International Conference on Science in Information Technology (ICSITech), 2016, pp. 5–9.;
- 2015; [Grouping of Retail Items by Using K-Means Clustering](#); K. **Kusrini**; Procedia Computer Science, 2015, vol. 72, pp. 495–502.;

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#### NATIONAL JOURNAL PUBLICATION:

- 2019; [Searching Similarity Digital Image Using Color Histogram; Wahyu Wijaya Widiyanto, Kusrini, Hanif Al Fatta; TECHNO Vol.20, No.1, April 2019, Hal. 53~64 P-ISSN: 1410-8607, E-ISSN: 2579-9096](#)
- 2019; [Segmentasi Citra Ikan Arwana Super Red Berdasarkan Deteksi Tepi Menggunakan Algoritma Canny](#); Noviyanti P., Kusrini Kusrini, Mei P. Kurniawan; Jurnal Teknologi Informasi; Vol 3, No 2
- 2020; [Deteksi Mobil Ambulance Menggunakan Operator Sobel](#); Prima Giri Pamungkas, Kusrini Kusrini, Hanif Al Fatta; Inspiration: Jurnal Teknologi Informasi dan Komunikasi; Vol 3, No 2
- 2020; [Penerapan Metode Analytical Hierarchy Process Untuk Rekomendasi Asisten Dosen Terbaik \(Studi Kasus: Universitas Amikom Yogyakarta\)](#); Bondan Wahyu Pamekas, Kusrini Kusrini, Emha Taufiq Luthfi; Informasi Interaktif; Vol 5 No 1

- 2020; [Tinjauan Pustaka Sistematis – Sistem Rekomendasi Menggunakan Collaborative Filtering](#); Fiyas Mahananing Puri; Kusri Kusri, Emha Taufiq Luthfi; Tecnoscienza; Vol 5 No 1;
- 2020; [Perbandingan Fitur Ekstraksi Untuk Klasifikasi Emosi Pada Sosial Media](#); Riska dwi handayani, Kusri Kusri, Hanif Al Fatta; Jurnal Ilmiah Sinus; Vol 18, No 2
- 2019; [Deteksi Emosi Media Sosial Menggunakan Term Frequency-Inverse Document Frequency](#); Arif Nur Rohman, Riska Dwi Handayani, Ryan Dwi Y. P., Kusri Kusri; CSRID; Vol 11, No 3
- 2020; [Identifikasi Mutu Bij Kopi Arabika Berdasarkan Cacat dengan Teknik Convolutional Neural Network](#); Mahmuda Saputra, Kusri Kusri, Mei P Kurniawan; Inspiration: Jurnal Teknologi Informasi dan Komunikasi; Vol 10, No 1
- 2020; [Peningkatan Akurasi Klasifikasi Sentimen Ulasan Makanan Amazon dengan Bidirectional LSTM dan Bert Embedding](#); David Junggu Manggala Pasaribu, Kusri Kusri, Sudarmawan Sudarmawan; Inspiration: Jurnal Teknologi Informasi dan Komunikasi; Vol 10, No 2

#### **NATIONAL CONFERENCE PUBLICATION:**

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#### **COPYRIGHT:**

- Algoritma konversi data format MARC ke format basis data relasional dan algoritma konversi data format basis data relasional ke format MARC
- Software Sistem Informasi Perpustakaan "OpenLib"
- Software "Image Classification Tool"
- Software "Student Candidat Analyzer"
- Software "TubEx System"
- Software "Sistem Informasi Pengelola Kost Berbasis Web"
- Software "Sitem Informasi Jual Gadai Berbasis Web"
- Computer Aplication "Sistem Informasi Eksekutif Rumah Sakit"
- Computer Aplication "Sistem Bantu Keputusan untuk Keselamatan Pasien Rumah Sakit"
- Software "Geriatric Teleassessment System"
- Computer Aplication "Sistem Bantu Keuangan FK UI"
- Computer Aplication "Sistem Informasi Pengelolaan Kost Berbasis Web"
- Computer Aplication "Simjamkesda"
- Computer Aplication "Sistem Informasi Jual Gadai Berbasis Web"
- Computer Aplication "Sistem Informasi Santunan Kesejahteraan Mahasiswa"
- Computer Aplication "Sistem Informasi Web PKK Brontokusuman"
- Computer Aplication "Sistem Parkir Online"
- Computer Aplication "Sistem Informasi Akademik untuk Perguruan Tinggi"

- Computer Application "Sistem Informasi Penerimaan Mahasiswa Baru"
- Computer Application "Aplikasi Web Dosen"
- Computer Application " Digital Government Services"
- Computer Application " Aplikasi Deteksi Citra Pornografi dengan YCBB Color Space"
- Computer Application "Aplikasi Deteksi Citra Pornografi dengan RGB Color Space"
- Computer Application " Aplikasi Prediksi Keterlambatan SPP Sekolah dengan Metode Naive Naive Bayes + Information Gain"
- Computer Application " Aplikasi Prediksi Keterlambatan SPP Sekolah dengan metode K-Nearest Neighbor+ Information Gain"
- Computer Application "Sistem Pendukung Keputusan Pemilihan Lahan Tanam-Tanaman Palawija"
- Database "Aplikasi Prediksi Keterlambatan SPP Sekolah Dengan Metode K-Nearest Neighbor + Information Gain"
- Database "Aplikasi Prediksi Keterlambatan SPP Sekolah Dengan Metode Naive Naive Bayes + Information Gain"
- Database "Aplikasi Deteksi Citra Pornografi Dengan RGB Color Space"
- Database "Aplikasi Deteksi Citra Pornografi Dengan YCbCr Color Space"
- Computer Application "EASY AUDIT"
- Computer Application "Aplikasi Simulasi Algoritma Cheapest Insertion Heuristic"
- Computer Application "Aplikasi Simulasi Distribusi Wakaf Tunai Berbasis GIS"
- Computer Application "Aplikasi Penerimaan dan Distribusi Wakaf Tunai di Kabupaten Gunung Kidul"
- Computer Application "Computerized Adaptive Test Dengan Algoritma Teori Respon Butir 3PL"
- Computer Application "RV-Satisfaction Analysis Tool"
- Computer Application "Computerized Adaptive Test Dengan Algoritma Fuzzy Metode Tsukamoto"
- Computer Application "Augmentasi Gambar"
- Computer Application "Pemodelan Pengetahuan Klasifikasi Hama Daun Mangga"
- Computer Application "MPI-Mango Pest Identifier versi 1"
- Computer Application "Agritronz"

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#### VIDEO YOUTUBE:

- [DBMS – 1 – Konsep Dasar Basis Data](#)
- [DBMS – 2 – Entity Relationship Diagram](#)
- [DBMS – 3 – Optimasi Entity Relationship Diagram](#)
- [DBMS – 4 – Implementasi ERD](#)
- [DBMS – 5 – Normalisasi](#)
- [DBMS – 6 – Langkah-Langkah Normalisasi](#)
- [DBMS – 7 – MySql](#)
- [DBMS – 8 – Data Manipulation Language](#)

- [DBMS – 9 – Select Satu Tabel](#)
- [DBMS – 10 – Join antar tabel](#)
- [DSS – Simple Additive Weighted \(SAW\)](#)
- [DSS – Analytical Hierarchy Process \(AHP\)](#)
- [DSS – Linier Programming](#)
- [DSS – Gap Kompetensi](#)
- [Data Mining – Introduction to Data Mining](#)
- [Data Mining – Algoritma K-Nearest Neighbor \(KNN\)](#)
- [Data Mining – Algoritma C4.5](#)
- [Haruskah lanjut kuliah di masa pandemi corona?](#)
- [Implementasi Open Education MOOC APTIKOM](#)
- [Akses Materi dari MOOC APTIKOM](#)
- [Cara kontribusi materi di MOOC APTIKOM](#)
- [Seluk Beluk Pembelajaran Daring di Masa Pandemi Covid 19](#)
- [Studi lanjut S2 di masa Pandemi Covid 19](#)

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#### TRAINER/INVITED SPEAKER:

- Webinar: **Model Pembelajaran Dalam Jaringan Era New Normal**; STMIK Multicom Boolaang Mangandow, Kotamobagu, Sulawesi Utara; 30 Juni 2020
- Webinar: **Tranformasi Digital Menuju Pembelajaran Online Di Era New Normal: Model dan Implementasi MOOC APTIKOM**; Universitas Yapis Papua; 29 Juni 2020
- Webinar: **Transformasi Digital Di Era Normal Baru Dalam Sektor Pendidikan**; Program Studi Teknik Informatika, Fakultas Sains dan Teknologi, Universitas Kristen Wira Wacana Sumba; 22 Juni 2020
- Seminar Nasional: **Pembelajaran Daring UNIMA untuk Mendukung Kampus Merdeka**; Universitas Negeri Manado, Sulawesi Utara; 13 Maret 2020
- Workshop: **Transformasi Digital/e-Modul dalam proses pembelajaran**; Universitas Negeri Manado, Sulawesi Utara; 12 Maret 2020
- Seminar Nasional: **Inovasi dan Pemanfaatan Kecerdasan Komputasi dalam Menganalisis Big Data di Era Virtual**; Fakultas Teknik Komputer Universitas Cokroaminoto Palopo, Sulawesi Selatan; 15 Oktober 2019
- Workhsop: **Penyusunan Kurikulum berbasis KKNI**; Fakultas Teknik Komputer Universitas Cokroaminoto Palopo, Sulawesi Selatan; 14 Oktober 2019
- Training: Introduction to the Utilization of Information Technology in the Industrial Revolution Era 4.0 for Cooperatives in DIY Province (2019)
- National Conference: Artificial Intelligent Technology Inovation for Enterprise System (Kediri, Indonesia, 2018)
- National Conference: Artificial Intelligence in Industry Revolution 4.0 (Bengkulu, Indonesia, 2018)
- Guest Lecturer: Artificial Intelligent for Better Life (Murcia, Spain, 2018)

- Academic Oration in LP3I (Kalimantan, Indonesia, 2018)
- Book Review: Aplikasi Sistem Pakar. STMIK Widya Cipta Darma Samarinda (2015)
- Computer Training: Basic Internet Introduction for Student of STPI Bina Insan Mulia (2015)
- Computer Training: Office application and Graphic Design for Teacher of TK BMD (2014)
- Information System Introduction Training for Directors of Dr. Sardjito Hospital (2014)
- Training of Information Technology Trend for Ministry of Finance Employees (2012)

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#### **CERTIFICATION:**

- Microsoft Technology Associate : Database Fundamental (2015)
- BNSP Certificate Competence: Database Administrator (2019)
- BNSP Certificate Competence: ICT Project Manager (2019)

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#### **AWARD:**

- World Class Professor Program 2019 from Ministry of Research, Technology and Higher Education
- Teaching Mobility Program 2018 from Erasmus+
- Fastest and Youngest graduate in Postgraduate Graduation, Universitas Gadjah Mada 28 April 2010 for Doctoral Degree
- Best of the best AMIKOM ICT AWARD 2010
- Winner AMIKOM ICT AWARD 2010 kategori research and development
- 1st Winner for ICT Industry category in Research Result National Competition organized by Departemen Komunikasi dan Informatika (Depkominfo) 2007
- 1st Winner in AMIKOM ICT AWARD 2008 for e-business category
- 2nd Winner in AMIKOM ICT AWARD 2008 for research and development Category
- 2nd Winner in AMIKOM ICT AWARD 2008 for e-education Category
- 3rd Outstanding Lecturers in Kopertis V Yogyakarta tahun 2008
- Finalist in 40th Young Researcher Selection Year 2008 organized by Lembaga Ilmu Pengetahuan Indonesia
- 2nd in AMIKOM SMART C kategori upload artikel ilmiah terbanyak in AMIKOM Smart Contest tahun 2008
- 4 Best E-Practice Awards from Indonesia in Apec Digital Opportunity Award 2005 Taiwan

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#### **PROFESSIONAL EXPERIENCES:**

- Team Leader of Developing Transjogja Bus Route Steering Application (2019)
- Team Leader of Developing Agricultural Commodity Price Information System in Sleman Regency (2019)
- Team Leader of Application of Desirable Dietary Pattern (DDP) Analysis in Sleman Regency (2018-2019)
- Team leader of Developing Health Digital Information System in Bantul Regency (2017-2019)
- Team of Developing GIS in Transportation Departement Darah Istemewa Yogyakarta Province (2017-2018)
- Supervising Consultant in Data Center Development UINSU, Medan (2015)
- Team leader of Data Updating Bekasi Satu Data, Bekasi Regency (2015)
- Database Expert in Union Information System Building Research of Cultural Heritage (2015)
- Planner Consultant of Information System Development of Integrated Manufacture in PT. Aldrich Universal (2015)
- Planner Consultant of Information System Development of General Public Hospital of Penajam Paser Utara (2015)
- Team Leader of Regional Health Insurance System of Penajam Paser Utara Regency (2015)
- Project Consultant of Health Insurance System Development of Berau Regency (2013)
- Project Leader and System Analyst of Sales Application Development in Aldrich Tech Universal (2013)
- Project Leader and System Analyst of Online Admission Information System Development in STIM YKPN Yogyakarta (2013)
- Consultant of Health Information System Development of Pertamina (2012)
- Project leader and system analyst of General and Finance Administration Infomation System Development in STIPRAM Yogyakarta (2012)
- Project leader and system analyst of Online Reservation Information System Development for D'Paragon Exclusive Boarding and Guest House (2012)
- Leading developer about 20 projects in area of Education, Librabry, Health Information System, DSS, Finance and Inventory (2000-2008)

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#### **REVIEWER EXPERIENCES:**

- 2020 Multimedia Tool And Application Jounal
- 2020 IEEE Access
- 2020 2nd International Conference on Cybernetics and Intelligent System (ICORIS)
- [2019 1st International Conference on Cybernetics and Intelligent System \(ICORIS\)](#)
- 2019 International Conference on Information and Communications Technology (ICOIACT)



- 2018 International Conference on Information and Communications Technology (ICOIACT)
- 2017 2nd International conferences on Information Technology, Information Systems and Electrical Engineering (ICITISEE)
- 6th International Conference on Cyber and IT Service Management, CITSM 2018
- 5th International Conference on Cyber and IT Service Management, CITSM 2017
- Jurnal Sistem Informasi
- Jurnal Creative Information Technology (CITEC)
- Seminar Nasional Teknologi Informasi dan Multimedia (Semnasteknomedia) 2018, Universitas AMIKOM Yogyakarta
- Seminar Nasional Teknologi Informasi dan Multimedia (Semnasteknomedia) 2017, Universitas AMIKOM Yogyakarta
- Seminar Nasional Teknologi Informasi dan Multimedia (Semnasteknomedia) 2016, STMIK AMIKOM Yogyakarta
- Jurnal Buana Informatika, 2015, Universitas Atmajaya Yogyakarta
- Seminar Nasional Teknologi Informasi dan Multimedia (Semnasteknomedia) 2015, STMIK AMIKOM Yogyakarta
- Seminar Nasional Informatika (SNIF) 2015, Universitas Potensi Utama Medan
- Seminar Nasional Teknologi Informasi dan Multimedia (Semnasteknomedia) 2014, STMIK AMIKOM Yogyakarta
- Seminar Nasional Informatika (SNIF) 2014, STMIK Potensi Utama Medan
- Konferensi Nasional Sistem dan Informatika 2014, STMIK STIKOM Bali
- Seminar Nasional Teknologi Informasi dan Multimedia (Semnasteknomedia) 2013, STMIK AMIKOM Yogyakarta