

DAFTAR RIWAYAT HIDUP

A. DATA PRIBADI

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B. PENDIDIKAN

1. Sarjana Sains (S.Si.) Jurusan/Program Studi Matematika, FMIPA, Universitas Sriwijaya, 1990-1995.
2. Magister Ilmu Komputer (M.Kom.), Fakultas Ilmu-ilmu MIPA, Universitas Gadjah Mada, Yogyakarta, Indonesia, 2000-2002.
3. Ph.D. dalam bidang Ilmu Komputer, Faculty of Computer Science and Information Systems, Universiti Teknologi Malaysia, 2006-2013.

C. PENGALAMAN PEKERJAAN

1. Jabatan Akademik

- 1.1 Asisten Ahli Madya, 1 Februari 1997 sampai 31 Desember 2000,
- 1.2 Asisten Ahli, 1 Januari 2001 sampai 31 Januari 2003,
- 1.3 Lektor, 1 Februari 2003 sampai 31 November 2011,
- 1.4 Lektor Kepala, 1 Desember 2011 – sekarang.

2. Jabatan Struktural

- 2.1 Sekretaris Laboratorium Komputasi, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Sriwijaya, 1 Januari 1998 – 1 Mei 2000.
- 2.2 Kepala Laboratorium Komputasi, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Sriwijaya, 1 Januari 2003 – 11 Oktober 2004.
- 2.3 Ketua Jurusan/Program Studi di Program Diploma Komputer, Universitas Sriwijaya, 12 Oktober 2004 – 25 Agustus 2005.
- 2.4 Sekretaris Program Diploma Komputer, Universitas Sriwijaya, 26 Agustus 2005 – 27 Mei 2007.
- 2.5 Pembantu Dekan bidang Kemahasiswaan dan Alumni, Fakultas Ilmu Komputer, Universitas Sriwijaya, 28 Mei 2007 – 30 November 2011.
- 2.6 Ketua Riset Grup Pengolahan Citra dan Pengenalan Pola, 1 April 2013 – 2015.
- 2.7 Ketua Auditor Penjaminan Mutu Internal Fakultas Ilmu Komputer, Universitas Sriwijaya, 2013 – 2014.
- 2.8 Ketua Unit Penelitian dan Pengabdian kepada Masyarakat, Fakultas Ilmu Komputer, Universitas Sriwijaya, 1 April 2013 – 31 Desember 2016.
- 2.9 Wakil Dekan bidang Akademik, Fakultas Ilmu Komputer, Universitas Sriwijaya, 27 Juni 2016 – 26 Juni 2020.
- 2.10 Ketua Lembaga Penelitian dan Pengabdian kepada Masyarakat, Universitas Sriwijaya, 16 April 2020 – Juni 2024.
- 2.11 Wakil Dekan bidang Akademik, Fakultas Ilmu Komputer, Universitas Sriwijaya, 27 Juni 2024 – 01 September 2025.
- 2.12 Plt. Wakil Dekan bidang Akademik, Kemahasiswaan, dan Penjaminan Mutu, Fakultas Ilmu Komputer, Universitas Sriwijaya, 02 September 2025 – sekarang.
- 2.13 Plt. Koordinator Program Studi S3 Ilmu Komputer, Fakultas Ilmu Komputer, Universitas Sriwijaya, Oktober 2025 – sekarang.

D. PENGALAMAN PENELITIAN

1. Analisis Metode Estimasi Bayesian, Penelitian Mandiri, Ketua Peneliti, 1994.
2. Perbandingan Metode Bairstow, Bernoulli, dan Birge-Vieta untuk Penentuan Akar-akar Persamaan Polinomial, Skripsi, 1995.
3. Stochastic Process on Birth and Death Cluster with Two Sexes on Yule-Furry Process, Lead Researcher, Research Grant from Directorate of Higher Education, Republic of Indonesia, 1998/1999.
4. The Use of Gamma Distribution for HIV Infection Cases with EM Algorithm, Member Researcher, Research Grant from Directorate of Higher Education, Republic of Indonesia, 1998/1999.
5. The Stabilization and Centralization of Control System for Fluctuation of Electrical Flow Problems, Member Researcher, Research Grant from the Directorate of Higher Education, Republic of Indonesia, 1999/2000.
6. The Study of Newton Method for Nonlinear Equation Systems with Two Independent Variables, Member Researcher, Research Grant from Universitas Sriwijaya, 1999/2000.
7. The Finding of Eigen Values from Non-Dominant Negative Definite Matrix Using Power Inverse Methods and Power Inverse with Shift, Member Researcher, Research Grant from Universitas Sriwijaya, 1999/2000.
8. Differential Equation Model for Cluster Birth and Death Process, Lead Researcher, Research Grant from Universitas Sriwijaya, 1999/2000.
9. Differential Equation Model for Cluster Birth and Death Process with Sexes, Lead Researcher, Research Grant from Universitas Sriwijaya, 1999/2000.
10. Birth and Death Process with Sexes, Lead Researcher, Research Grant from Universitas Sriwijaya, 1999/2000.
11. The Use of Genetic Algorithm on Mixed-Integer Nonlinear Fuzzy Goal Programming for Solving System Reliability Optimization Problems, Master's Thesis, University of Gadjah Mada, Yogyakarta, 2002.
12. Genetic Algorithm Approach for Fuzzy Multiple Objectives Linear Programming Problems with Linear Membership Function, Lead Researcher, Research Grant from Universitas Sriwijaya, 2003.

13. Genetic Algorithm Approach for Fuzzy Multiple Objectives Linear Programming Problems with Variations Membership Function, Lead Researcher, Research Grant from Directorate of Higher Education, Republic of Indonesia, 2004.
14. Genetic Algorithm Approach for Solving Fuzzy Linear Programming Problems with Variation Membership Function, Lead Researcher, Research Grant from Forum HEDS, Republic of Indonesia, 2006.
15. The Solving of Fuzzy Linear Programming Problems Using Fuzzy Determination Set Method, Modification Sub-Gradient and Genetic Algorithm, Lead Researcher, Research Grant from Directorate of Higher Education, Republic of Indonesia, 2007.
16. Fingerprint Classification Using Image Direction Partition Method, Member Researcher, Research Grant from Faculty of Computer Science, Universitas Sriwijaya, 2009.
17. Personal Identification Based on Handwriting Using Multi-Weight Neuron Network, Lead Researcher, Research Grant from Universitas Sriwijaya, 2011.
18. Personal Identification Based on Handwriting Using Biomimetic Pattern Recognition, Research Grant from Faculty of Computer Science, Lead Researcher, Universitas Sriwijaya, 2011.
19. Biomimetic Pattern Recognition for Writer Identification Using Geometrical Moment Functions, Doctoral Dissertation, Universiti Teknologi Malaysia (UTM), 2013.
20. Ear Image Recognition Using Hyper Sausage Neuron, Lead Researcher, Research Grant from Universitas Sriwijaya, 2015.
21. The Effect of Feature Extraction Variations on Handwritten Image on Author Identifications, Lead Researcher, Research Grant from Faculty of Computer Science, 2017.
22. Technology Design of Cyberwar Attack Detection Using Package Inspection and Latest Pattern Learning Methods on Web 3.0, Member Researcher, Competitive Research Grant from Universitas Sriwijaya, 2017.
23. Legality Identification of Handwritten Document Ownership Using Biomimetic Pattern Recognition, Lead Researcher, Competitive Research Grant from Universitas Sriwijaya, 2018.
24. Cyber Attack Detection in Protecting Infrastructure Assets Sinta Kemenristekdikti with a Deep Packet Inspection Approach, Member Researcher, Research Grant from Ministry of Higher Education Indonesia, 2018.

25. Web-based Information Systems Development for Companion Certificates in the Faculty of Computer Science UNSRI, Member Researcher, Research Grant from the Faculty of Computer Science, 2019.
26. Testing the Principal Component Analysis (PCA) Method and the Bitplane Adder - MSB First Variable on the Prototype Imaging Results of the Boat for Victims/Objects of Aircraft Accidents in Limited and Time-Limited Areas, Member Researcher, Competitive Research Grant from Universitas Sriwijaya, 2020.
27. The Effectiveness of Using the Mobile Learning App for High School Physics Materials Based on STEM as a Learning Source for Indonesian Students on Learning Outcomes, Member Researcher, Profession Research Grant from Universitas Sriwijaya, 2021.
28. Prediction of a Personality Based on Handwriting Using Multiple Classifiers and Convolutional Neural Networks, Lead Researcher, Competitive Research Grant from Universitas Sriwijaya, 2021.
29. Classification of EEG Signals to Detect Epileptic Seizure Using 2D Convolutional Neural Networks, Member Researcher, Competitive Research Grant from Universitas Sriwijaya, 2022.
30. Development of Teaching Materials Using the PISA 2022 Framework to Strengthen The Literacy and Numeracy Competencies of Junior High School Students, Member Researcher, Profession Research Grant from Universitas Sriwijaya, 2022.
31. Otomatisasi Deteksi Anomali Struktur Jantung Melalui Video Ultrasonography untuk Diagnosis Dini Penyakit Jantung Kongenital Menggunakan Artificial Intelligence, anggota Penelitian Skema Profesi dari Universitas Sriwijaya, 2023.
32. Eksplorasi dan Klasifikasi Citra Digital Radiologi untuk Diagnosis dan Penanganan Penyakit Medis (Xe-Radiology), anggota Penelitian Unggulan Kompetitif, Universitas Sriwijaya, 2023.
33. Pengenalan Tulisan Tangan Berukuran Sangat Kecil Menggunakan Convolutional Neural Networks untuk Klasifikasi Kepribadian Seseorang, Ketua Penelitian Skema Fundamental Reguler, DRTPM, 2024.
34. Identifikasi Kepribadian Berdasarkan Aspek Konsistensi Tulisan Tangan Menggunakan Convolutional Neural Network, Ketua Penelitian Disertasi Doktor (PDD), DRTPM, 2024.

35. Perbaikan Citra Remote Sensing untuk Pengenalan Objek Jarak Jauh Menggunakan Convolution Neural Network, anggota Penelitian Unggulan Kompetitif, Universitas Sriwijaya, 2024.
36. Identifikasi Kepribadian Berdasarkan Aspek Konsistensi Tulisan Tangan Menggunakan Convolutional Neural Network, Ketua Penelitian Disertasi Doktor (PDD) Lanjutan, DRTPM, 2025.

E. PELATIHAN

1. Statistical Analysis System (SAS), HEDS Project at Universitas Sriwijaya, Indralaya, Indonesia, 14th – 22nd September 1998.
2. The Use of Bootstrap Method for Teaching and Research, HEDS Project at University of Lampung, Lampung, Indonesia, 3rd – 8th December 1998.
3. Statistical Modeling Using Software S-Plus, HEDS Project at Universitas Sriwijaya, Indralaya, Indonesia, 2nd – 9th August 1999.
4. Training of Information Technology, Directorate of Higher Education and Faculty of Science, IPB in Bogor, Indonesia, 20th – 30th August 1999.
5. Training of SQL Server 2000 with subjects:
 - 5.1 #2071 – Querying Microsoft SQL Server 2000 with Transact-SQL, 28th – 29th October 2004 at Asaba, Jakarta.
 - 5.2 #2072 – Administrating a Microsoft SQL Server 2000 Database, 1st – 5th November 2004 at Asaba, Jakarta.
 - 5.3 #2073 – Programming a Microsoft SQL Server 2000 Database, 8th – 12th November 2004 at Asaba, Jakarta.
6. Training of Java Education Network Indonesia (Object Oriented Programming with Java), 15th – 22nd April 2008 at VEDC Malang.
7. Training of Mobile Computing and Mobile Games with Java, 23rd – 27th April 2008 at VEDC Malang.
8. Training of Upgrading Instructional Teaching and Learning Skill, Center for Teaching and Learning Development, Universitas Sriwijaya, Indralaya, 18th – 22nd February 2008.
9. Research Methodology Workshop, Faculty of Computer Science & Information Systems, Universiti Teknologi Malaysia, Johor, 30th June – 1st July 2008.
10. Training of Proposal Research Competitive Grant for Lecturer, Research Management Center (RMC) Universitas Sriwijaya, Palembang, 1st – 2nd Mei 2009.

11. Training on How to Construct Teaching Material for Lecturers, Center for Teaching and Learning Development, Universitas Sriwijaya, Indralaya, 1st – 5th June 2009.
12. Training of Constructing Instruments in Evaluation Learning Process for Lecturer, Center for Teaching and Learning Development, Universitas Sriwijaya, Indralaya, 10th – 14th August 2009.
13. Training of Applied Approach for Lecturer, Center for Teaching and Learning Development, Universitas Sriwijaya, Indralaya, 5th – 9th April 2010.
14. Training of English Academic, English Department Universiti Teknologi Malaysia, 9th – 11th July 2012.
15. Training of Information Security Practitioner (Information Security Technical Guide), Palembang, 18th – 20th February 2014, Directorate of Information Security, Directorate General of Information Applications, Ministry of Communication and Information Technology.
16. Training of IT Development, BrainMatics, Semarang, 9th – 12th December 2015.
17. Training of IT Enterprise Development, BrainMatics, Jakarta, 7th – 8th March 2016.
18. Pelatihan *Online* “Optimasi Penyusunan RPS Berbasis OBE dengan AI”, 16-17 Januari 2026, setara 36 jam Pelajaran.

F. PUBLIKASI/PROSIDING

1. Simulation of Bayesian Estimation Method, first author, Sriwijaya Magazine, 1995.
2. The Forecasting of HIV Cases in Indonesia Based on AIDS Data in 1998 Using EM Algorithm, co-author, Proceedings on Research Contributions, Universitas Sriwijaya, 1999.
3. Study of Fuzzy Linear Programming, first author, Journal of Research Sciences, Faculty of Mathematics and Natural Science, Universitas Sriwijaya, 2002.
4. The Solving of Linear Programming with Interior Point Algorithm Using MATLAB, Journal of Research Sciences, first author, Faculty of Mathematics and Natural Science, Universitas Sriwijaya, 2002.
5. The Consideration of Economic and Environmental Effect Using Multi-Objective Optimization, first author, Proceedings on Management and Processing for City Rubbish, University of Ahmad Dahlan, Yogyakarta, 23rd – 24th September 2002.
6. Fuzzy Nonlinear Mix-Integers Goal Programming with Genetic Algorithms, first author, Journal of Research Sciences, Faculty of Mathematics and Natural Science, Universitas Sriwijaya, 2003.

7. Biomimetic Pattern Recognition: Theory and Applications, first author, Journal of Generic Faculty of Computer Science, Vol. 2 No. 1, August 2007, ISSN 1907-4093.
8. The Application of Decision Making for Coal Product Planning Based on Bayesian Theorem, co-author, Journal of Media Informatika, Vol. 6 No. 1, June 2008.
9. Writer Identification with Biomimetic Pattern Recognition, first author, Journal of Generic, Faculty of Computer Science, Vol. 4 No. 2, July 2009, ISSN 1907-4093.
10. The Multi-criteria of Decision Making with Fuzzy Set, co-author, Journal of Information Systems, Faculty of Computer Science, Vol. 1 No. 3, December 2009, ISSN: 2085-1588.
11. Early Detection of Coronary Heart Disease Using Artificial Neural Network Expert System, co-author, Proceedings The 6th International Conference on Information & Communication Technology and Systems (ICTS) 2010, September 28th 2010, Surabaya, Indonesia, ISSN: 2085-1994.
12. A Framework of Biomimetic Pattern Recognition in Writer Identification, first author, Proceedings International Seminar of Information Technology (ISIT) 2010, Green Technology for Better World, October 23rd, 2010, University of BSI Bandung, ISBN: 978-602-97962-0-9.
13. The Application of Fuzzy Composition Relations for Disease Diagnosis, co-author, Journal of Generic, Faculty of Computer Science, Vol. 6 No. 1, January 2011, ISSN 1907-4093.
14. Writer Identification Based on Hyper Sausage Neuron, first author, Proceedings International Conference on Computing and Informatics (ICOCI) 2011, organized by Universiti Utara Malaysia (UUM) and UNIKOM, Bandung, Indonesia, 8th – 9th June 2011.
15. Personal Identification Based on Handwriting Using Biomimetic Pattern Recognition, first author, Proceedings National Conference on Information Technology and Its Applications, Faculty of Computer Science, Palembang, 21st – 22nd October 2011, ISSN: 2088-9658.
16. Pattern Recognition of Handwritten Ownership Identification using Biomimetic Patterns, First Author, Journal of Research in Computer Science and Applications – Vol. I, No. 2nd, January 2013, ISSN: 2301-8488.
17. Application of a Three-Weight Neural Network for the Identification of Handwriting Makers, First Author, Journal of Generic, Vol. 8, No. 2, September 2013, ISSN: 1907-4093.

18. Personal Identification Based on Ear Image with Reverse Propagation Neural Network, Co-Author, Journal of Generic, Vol. 9, No. 1, March 2014, ISSN: 1907-4093.
19. Using Self-Organizing Maps to Recognize Someone's Ear, Co-Author, Journal of Generic, Vol. 9, No. 2, September 2014, ISSN: 1907-4093.
20. The Study of Moment Invariants and Three-Weight Neuron Network for Personal Identification, First Author, Journal of Research in Computer Science and Applications – Vol. 3, No. 2, October 2014, ISSN: 2301-8488.
21. Combination of Discrete Wavelet Transform and Graph Cut Algorithm for Digital Image Compression, Co-Author, Journal of Generic, Vol. 9, No. 1, March 2015, ISSN: 1907-4093.
22. Use of United Moment Invariant and Self Organizing Maps for Handwriting Recognition of Numbers, Co-Author, Journal of Generic, Vol. 9, No. 1, March 2015, ISSN: 1907-4093.
23. Ear Recognition Using Hyper Sausage Neuron, Proceeding International Conference on Electrical Engineering, Samsuryadi and Anggina Pramanita, Computer Science and Informatics (EECSI), 19th – 21st August 2015, Palembang, Indonesia.
24. Queue Calling System Using Websocket, Nur Rakhmat and Samsuryadi, Annual Research Seminar (ARS), Vol. 2 (1), 445-448, 2016.
25. Early Studies Using the C4 Algorithm. 5 and Fuzzy Logic on XML-Based Financial Transaction Encryption Classification, Nur Rakhmat dan Samsuryadi, Annual Research Seminar (ARS), Vol. 3 (1), 255-260, 2017.
26. Desktop-Based Weather Information System Using Sensor Data and BMKG, Yulia Hapsari, Bella Adinda Putri, dan Samsuryadi, Annual Research Seminar (ARS), Vol. (1), 243-246, 2017.
27. Study of Facial Expression Recognition Using the PCA and CNN Methods, Dwi Lydia Zahara Astuti, Samsuryadi, Annual Research Seminar (ARS), Vol. 4 (1), 293 – 297, 2018.
28. Classification of Chronic Kidney Disease Using K-nearest Neighbor, Ardina Ariani dan Samsuryadi, Annual Research Seminar (ARS), Vol. 5 (1), 148-151, 2019.
29. Real-Time Classification of Facial Expressions Using Principal Component Analysis and Convolutional Neural Network, Dwi Lydia Zahara Astuti, Samsuryadi, and Dian Palupi Rini, **SINERGI** Vol. 23, No. 3, October 2019: 239-244. Accredited by SINTA 2.

30. Weather Classification Based on Hybrid Cloud Image Using Principal Component Analysis (PCA) and Linear Discriminant Analysis (LDA), Yulia Hapsari and Samsuryadi, 2nd Forum in Research, Science, and Technology, IOP Conf. Series: Journal of Physics: Conf. Series 1167 (2019) 012064 doi:10.1088/1742-6596/1167/1/012064.
31. Hybrid Soft System Methodology (SSM) and Becerra Approach for Modelling Knowledge Management System, Santun Irawan, and Samsuryadi, ICONISCSE, Conf. Series: Journal of Physics: Conf. Series 1196 (2019) 012055 doi:10.1088/1742-6596/1196/1/012055.
32. Performance Analysis of 256-bit AES Encryption Algorithm on Android Smartphone, Nur Rachmat and Samsuryadi, ICONISCSE, IOP Conf. Series: Journal of Physics: Conf. Series 1196 (2019) 012049 doi:10.1088/1742-6596/1196/1/012049.
33. Network anomaly detection research: a survey, Kurniabudi, Benni Purnama, Sharipuddin, Darmawijoyo, Deris Stiawan, Samsuryadi, Ahmad Heryanto, Rahmat Budiarto, Indonesian Journal of Electrical Engineering and Informatics (IJEET), Vol. 7, No. 1, March 2019, pp. 37~50 ISSN: 2089-3272, DOI: 10.11591/ijeet.v7i1.773.
34. TCP FIN Flood Attack Pattern Recognition on Internet of Things with Rule-Based Signature Analysis, Deris Stiawan, Dimas Wahyudi, Ahmad Heryanto, Samsuryadi, Mohd. Yazid Idris, Farkhana Muchtar, Mohammed Abdullah Alzahrani, and Rahmat Budiarto, International Journal of Online and Biomedical Engineering, Vol. 15 No. 07, 124-138, 2019.
35. The Preliminary Results of the Kms Model with Additional Elements of Gamification to Optimize Research Output in a Higher Education Institution, Ahmad Sanmorino, Ermatita, and Samsuryadi, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249-8958, Volume-8 Issue-5, 554-559, June 2019.
36. Social Media Element for Persuasive B2c E-Commerce, Shaffiah Ali, Ab Razak Che Hussin, Samsuryadi, and Jamilah Mahmood, ICONISCSE, IOP Conf. Series: Journal of Physics: Conf. Series 1196 (2019) 012001 IOP Publishing doi:10.1088/1742-6596/1196/1/012001.
37. Antecedents of Internet of Things Adoption in Oil and Gas Industry, Shamsul Bahri Abdul Satar, Ab Razak Che Hussin, Yusuf Sahabi Ali, Samsuryadi, ICONISCSE, IOP Conf. Series: Journal of Physics: Conf. Series 1196 (2019) 012006 IOP Publishing doi:10.1088/1742-6596/1196/1/012006.

38. Efficient MobileNet architecture for image recognition on mobile and embedded devices, Barlian Khasoggi, Ermatita, Samsuryadi, Indonesian Journal of Electrical Engineering and Computer Science, Vol. 16, No. 1, October 2019, pp. 389~394 ISSN: 2502-4752, DOI: 10.11591/ijeecs.v16.i1.pp389-394.
39. Klasifikasi Citra Hiperspektral Pada Kasus Tutupan Lahan Menggunakan Metode Convolutional Neural Network (CNN), Yesinta Florensia, Samsuryadi dan Saparudin, Annual Research Seminar (ARS), Vol. 5 (1), 262-266, 2019.
40. Extracting factors of Physical Activity Tracking Technology using Wordcloud and Relevancy Ranking, Nittee Wanichavorapong, Ab Razak Che Hussin, Ahmad Fadhil Yusof, Samsuryadi, ICONISCE, IOP Conf. Series: Journal of Physics: Conf. Series 1196 (2019) 012015, doi:10.1088/1742-6596/1196/1/012015.
41. Multiple Face Image Feature Extraction Using Geometric Moment Invariants Method, Muhammad Fachrurrozi, Saparudin, Ayu Lestari, Osvari Arsalan, Samsuryadi, Ermatita, Published in: 2019 International Conference on Informatics, Multimedia, Cyber and Information System (ICIMCIS), 24 – 25 October 2019, pp. 219-224, Date Added to IEEE *Xplore*: 06 February 2020, Electronic ISBN: 978-1-7281-2930-3 USB ISBN: 978-1-7281-2929-7, Print on Demand (PoD) ISBN: 978-1-7281-2931-0, IEEE.
42. Genetic Algorithm-Based Feature Selection for Predicting Students' Academic Performance, Al Farissi, Halina Mohammed Dahlan, and Samsuryadi, Springer Nature Switzerland AG 2020F. Saeed et al. (Eds.): IRICT 2019, AISC 1073, pp. 110–117, 2020. https://doi.org/10.1007/978-3-030-33582-3_11.
43. RFID Tag Location Determination System in the Parking Area Using K-Nearest Neighbor Algorithm, Ahmad Fali Oklilas, Elvatyara Rahmadiany Puteri, and Samsuryadi, *Advances in Intelligent Systems Research*, volume 172, 257-262, 2020. DOI: <https://doi.org/10.2991/aisr.k.200424.038>. ISBN: 978-94-6252-963-2 & ISSN: 1951-6851, Atlantis Press.
44. Face Recognition Using Hyper Sausage Neuron Networks, Shaffan Madanny, Samsuryadi, and Novi Yusliani, *Advances in Intelligent Systems Research*, volume 172, 480-484, 2020. DOI: <https://doi.org/10.2991/aisr.k.200424.074>. ISBN: 978-94-6252-963-2 & ISSN: 1951-6851, Atlantis Press.
45. Data Mining Management for Implementation of Knowledge Management Using SECI Model and Data Testing, Mardiani, Ermatita and Samsuryadi, Published in: 2019 International Conference on Informatics, Multimedia, Cyber and Information System (ICIMCIS), 24th – 25th October 2019, pp. 187 – 190, Date Added to IEEE *Xplore*: 06th

February 2020, Electronic ISBN: 978-1-7281-2930-3 USB ISBN: 978-1-7281-2929-7, Print on Demand (PoD) ISBN: 978-1-7281-2931-0, DOI: 10.1109/ICIMCIS48181.2019.8985224, IEEE.

46. A Robust Framework using Gamification to Increase Scientific Publication Productivity, Ahmad Sanmorino, Ermatita, Samsuryadi, and Dian Palupi Rini, 2020 International Conference on Informatics, Multimedia, Cyber and Information System (ICIMCIS). Scopus index. Pp: 29-33.
47. Automated handwriting analysis based on pattern recognition: a survey, Samsuryadi, Rudi Kurniawan, Fatma Susilawati Mohamad; Indonesian Journal of Electrical Engineering and Computer Science. ISSN: 2502-4752, e-ISSN: 2502-4760. Scopus Index Q3. 2020.
48. Classification of Kidney Disease Using Genetic Modified KNN and Artificial Bee Colony Algorithm, Ardina Arliani, and Samsuryadi SINERGI Vol. 25, No. 2, June 2021: 177-184 <http://publikasi.mercubuana.ac.id/index.php/sinergi>, <http://doi.org/10.22441/sinergi.2021.2.009>. Sinta 2. 2021.
49. Personality Features Model Through Handwriting Using Image Processing Approach, Rudi Kurniawan, Samsuryadi, and Fatma Susilawati Mohamad, International Conference (ICONISCSE 2021), 4th-5th March 2021. Palembang, Indonesia.
50. Derivation Sustainable Model of E-Government Application Usage in Indonesian Local Government. Apriansyah Putra, Mahadi Bahari, Suraya Miskon, and Samsuryadi. International Conference (ICONISCSE 2021), 4th-5th March 2021. Palembang, Indonesia.
51. Derivation Citizen Engagement Model for Government Social Media. Ari Wedhasmara, Samsuryadi, and Ab Razak Che Husin. International Conference (ICONISCSE 2021), 4th-5th March 2021. Palembang, Indonesia.
52. Building Research Productivity Framework in Higher Education Institution, Ahmad Sanmorino, Samsuryadi, Ermatita, and Dian Palupi Rini. International Journal of Advanced Computer Science and Applications (IJACSA), Vol. 12 No. 6, Pp: 1-9, 2021.
53. Analyzing Factors Contributing to Research Performance using Backpropagation Neural Network and Support Vector Machine, Ahmad Sanmorino, Ermatita, Samsuryadi, and Dian Palupi Rini, KSII Transactions on Internet and Information Systems Vol. 16, No. 1, Jan. 2022, pp 153-172.

54. Brahmi Script Classification using VGG16 Architecture Convolutional Neural Network, Vincen, and Samsuryadi. *Computer Engineering and Applications*, ISSN: 2252-4274 (Print), ISSN: 2252-5459 (Online), Vol. 11, No. 2, June 2022, pp 127-136.
55. Handwriting Analysis for Personality Trait Features Identification using CNN, Derry Alamsyah, Samsuryadi, Wijang Widhiarsho, Safaatunnur Hasan, 2022 International Conference on Data Science and Its Applications (ICoDSA), July 2022.
56. Detection of Diabetic Retinopathy Using Convolutional Neural Network (CNN), Rizq Khairi Yazid and Samsuryadi, *Computer Engineering and Applications*, ISSN: 2252-4274 (Print), ISSN: 2252-5459 (Online), Vol. 11, No. 3, October 2022, pp 203-213.
57. Knowledge Management Model Review in Relation to Marketing and Branding, Fransiska Prihatini Sihotang, Ermatita, Samsuryadi, and Dian Palupi Rini, 2022 International Conference on Informatics, Multimedia, Cyber and Information System (ICIMCIS), 2022.
58. A Literature Review: Knowledge Management for Traditional Retail Business, Strategies, Dien Novita, Ermatita, Samsuryadi, and Dian Palupi Rini, 2022 International Conference on Informatics, Multimedia, Cyber and Information System (ICIMCIS), 2022.
59. A Framework for Determining the Big Five Personality Traits Using Machine Learning Classification through Graphology, Samsuryadi, Rudi Kurniawan, Julian Supardi, Sukemi, *Journal of Electrical and Computer Engineering*, Volume 2023, Article ID 1249004, pp: 1-15, <https://doi.org/10.1155/2023/1249004>.
60. Enhancing Remote Sensing Image Resolution Using Convolutional Neural Networks, Julian Supardi, Samsuryadi, Hadipurnawan Satria, Philip Alger M. Serrano, Arnelawati, sebagai Anggota, *Jurnal Elektronika dan Telekomunikasi*, 2024.
61. Classification of palm oil fruit ripeness based on AlexNet deep Convolutional Neural Network, Rudi Kurniawan, Samsuryadi, Fatma Susilawati Mohamad, Harma Oktafia Lingga Wijaya, Budi Santoso, *Sinergi*, pp 207-2020, sebagai Penulis Korespondensi, 2025.

G. SEMINAR/KONFERENSI NASIONAL/INTERNASIONAL

1. The Use of Genetic Algorithm for Solving System Reliability Optimization Problems, National Seminar BKS PTN MIPA Indonesia West Section, 3rd June 2003, Palembang, Indonesia, Speaker.

2. The Readiness of Mathematic Human Resources to Get the Best Job, Seminar “Mathematics Actualization for Getting the Job, HIMASTIK FMIPA Universitas Sriwijaya, 4th April 2006, Palembang, Indonesia, Speaker.
3. The Solving of System Reliability Problems with Genetic Algorithm, National Conference on Information Technology and Its Applications, Department of Information System, Faculty of Computer Science, Universitas Sriwijaya, 7th November 2009, Palembang, Indonesia, Speaker.
4. A Framework of Biomimetic Pattern Recognition in Writer Identification, Seminar International on Information Technology (ISIT) 2010, 23rd October 2010, Universitas BSI Bandung, Indonesia, Speaker.
5. The Study of Advancement Biomimetic Pattern Recognition, Promotion Seminar for Associate Professor in Faculty of Computer Science, October 2010, Universitas Sriwijaya, Palembang, Indonesia, Speaker.
6. Writer Identification Based on Hyper Sausage Neuron, International Conference on Computing and Informatics (ICOICI) 2011, organized by Universiti Utara Malaysia (UUM) and UNIKOM, 8th – 9th June 2011, Bandung, Indonesia, Speaker.
7. Personal Identification with Biomimetic Pattern Recognition, National Seminar Information Technology and Its Applications II organized by Department of Information System, Faculty of Computer Science, October 2011, Universitas Sriwijaya, Palembang, Indonesia, Speaker.
8. Personal Identification Based on Handwriting with Multi-Weight Neuron Network, National Seminar on Research Results in 2011 organized by RMC Universitas Sriwijaya, Palembang, 1st – 2nd December 2011, Speaker.
9. IT *Awareness* Seminar organized by IAIN Raden Fatah Palembang on title Efforts to Improve the Quality of Education by Utilizing ICT in Higher Education, Emilia Hotel Palembang, 30 October 2013, Speaker.
10. Ear Recognition Using Hyper Sausage Neuron, International Conference on Electrical Engineering, Computer Science and Informatics (EECSI), Horison Optima, Palembang, 19th – 21st August 2015, Palembang, Indonesia, Speaker / Participant.
11. Study of MAE Value Based on the Extraction Value of Moment Invariant Features, Samsuryadi (Speaker), Muhammad Ihsan Jambak, Desty Rodiah, dan Muhammad Ali Buchari, 5th Annual Research Seminar, Horison Optima Hotel, Palembang, 14th November 2019.

12. Face Recognition Using Hyper Sausage Neuron Network, Shaffan, Samsuryadi (Speaker) dan Novi Yusliani, SICONIAN, 14th November 2019.
13. Personality Identification Based on Handwriting, Invited Speaker, The 2nd International Conference on Information Systems, Computer Science, and Engineering (2nd ICONISCSE) 2021, 4th-5th March 2021.
14. Prediction of a Personality Based on Handwriting, Invited Speaker, The 4th International Conference on Applied Sciences, Mathematics and Informatics (ICASMI), 8th-9th September 2022.
15. Pembicara Undangan (*invited speaker*) pada Seminar Nasional dengan dengan tema “Sinergi Riset Elektro dan Informatika untuk Inovasi Digital Berkelanjutan”, dan judul makalah **Tulisan Tangan sebagai Sinyal Prilaku untuk Prediksi Kepribadian**, 22 Januari 2026 di Universitas Dinamika Bangsa, Jambi.
16. Perkembangan Riset AI serta Tren Machine Learning dan Deep Learning di Dunia Akademik dan Teknologi Informasi disampaikan pada Kuliah Umum pada tanggal 23 Januari 2026 di Universitas Dinamika Bangsa, Jambi.

H. PENGABDIAN KEPADA MASYARAKAT

1. Elucidation of Some Techniques for Arithmetic Solving in Elementary School at Sigam, Sub-district of Gelumbang, Regency of Muara Enim, South Sumatra, 1998.
2. Elucidation of Statistical Benefit for Administration of Village Activities, Sub-district of Indralaya, South Sumatra, 1999.
3. Elucidation of Statistical Demography at Sub-district of Tanjung Raja, Regency of Ogan Komering Ilir, South Sumatra, 2003.
4. Elucidation of Quick Understanding for Algebra Learning at Elementary School, Indralaya, Regency of Ogan Komering Ilir, South Sumatra, 2003.
5. Training of ICT for Mathematics Teachers at Regency of Ogan Komering Ilir, Palembang, 5th – 8th November 2008.
6. Training on How to Construct Teaching Media Using Macromedia Flash for Junior High School Teachers at Regency of Ogan Ilir, Palembang, 5th October 2010.
7. Training of Constructing and Managing a Web Blog for Senior High School Teachers as Effective Learning Media, Palembang, 10th August 2011.
8. Training of Development of E-Learning for High School Mathematics Subject Teacher Deliberation (MGMP), Ogan Ilir, 2012.

9. Training of Making Multimedia-Based Teaching Tools Using Macromedia Flash for PKN MGMP Junior High School Teachers, Ogan Ilir, 2012.
10. Assistance in Creating Learning Blogs for MGMP PPKn SMP / MTs Teachers in Ogan Ilir District, 18th – 19th September 2013.
11. Guidance for Website Development and Management of Lorok Village, Indralaya Utara District, Ogan Ilir Regency, 16th – 18th September 2013.
12. Make Stickman Animations with the STYKZ Application, Faculty of Computer Science UNSRI, 23rd November 2013.
13. Training on Developing Mathematics Teaching Materials with Microsoft Excel for Middle School Teachers, Joined the Mathematics MGMP in Ogan Ilir District, September 2014.
14. Training on Making Interactive Learning Video Teaching Materials for Teachers at SMK Negeri 1 Muara Enim, 2015.
15. Training for Teachers to Improve Student Competence in Physics Subjects through Multimedia Animation Learning Media at SMP Negeri 09 Palembang, 2016,
16. Basic Programming Training through the TLX Training Gate Learning Website for High School Students in Palembang, 2017.
17. Socialization and Training of Bebras Challenge for High School Students and Teachers in Palembang, 2018.
18. Skills Improvement of Vocational School Students through Graphic Design in Facing the Industrial Revolution Era 4.0, 2019.
19. Training on Making Learning Evaluation Media Using the Kahoot! For Teachers of SMA Negeri 1 Air Saleh, Banyuasin Regency, 2019.
20. The Development of Interactive Media for Digitalization Supporting and Public Information Services in Universitas Sriwijaya, Budgeted by DIPA Universitas Sriwijaya, Muhammad Iman Saladin, Samsuryadi, 2020.
21. The Developing and Socialization of New Student Admission Information System for Lembaga Pengembangan Dakwah (LPD) Al Bahjah Cirebon, Muhammad Fachrurrozi, Samsuryadi, Budgeted by DIPA Universitas Sriwijaya, 2020.
22. Pemberdayaan Masyarakat di Desa Sumber Rahayu Kecamatan Rambang Melalui Agrowisata Taman Wisata Alam Air Betung Berseri, Amin Rejo, Samsuryadi, Arjuna Neni Triana, Rizky Tirta Adhyguna. Budgeted by DIPA Universitas Sriwijaya, 2022.
23. Peningkatan Literasi Digital tentang Upaya Hidup Cerdik Bagi Siswa MA Pondok Pesantren Jami'atul Qurro, Iche Andriyani Liberty, Samsuryadi, Indri Seta Septadina, Gita Dwi Prasasti. Anggaran DIPA Universitas Sriwijaya, 2023.

24. Edukasi dan Peningkatan Keterampilan Emotional-Focused Coping Sebagai Strategi Mengatasi Stres Santri di Pondok Pesantren Jami'Atul Qurro, Mariana, Samsuryadi, Muhammad Aziz, dan Hanna Masrsinta Uli. Anggaran DIPA Universitas Sriwijaya, 2023.
25. Sosialisasi Seleksi Nasional Penerimaan Mahasiswa Baru (SNPMB), Pendamping Pendaftaran, dan Strategi Pemilihan Program Studi, Ponpes Jami'atul Qurro', Maret 2025.
26. Pengembangan Kompetensi Guru untuk Menerapkan Program Pembelajaran Koding di SMP Negeri 56 Palembang. Anggaran DIPA Universitas Sriwijaya, 2025.

I. PENGHARGAAN

1. Pembicara Terbaik (*The best speaker*) pada Kelompok Kecerdasan Komputasi (*Computational Intelligence*) di International Seminar Information Technology (ISIT), BSI Bandung, Indonesia, Oktober 2010.
2. Dosen Teladan Kedua di Fakultas Ilmu Komputer Berdasarkan Polling BEM Universitas Sriwijaya, 2010.
3. Penerima Penghargaan Artikel Terbaik Kedua bidang Sains dan Teknik (*Engineering and Science Section*) pada Seminar Nasional Hasil-hasil Penelitian yang dilaksanakan oleh Lembaga Penelitian dan Pengabdian kepada Masyarakat (LPPM) Universitas Sriwijaya, Palembang, 1 – 2 Desember 2011.
4. Satyalencana Karya Satya X Tahun dari Presiden RI (Susilo Bambang Yudono), 2011, Keppres RI No. 74 / TK / 2011, 12 Agustus 2011.
5. Satyalencana Karya Satya XX Tahun dari Presiden RI (Joko Widodo) 2017, Keppres RI No. 35 / TK / 2017, 3 April 2017.
6. Penerima Penghargaan **Profesor Mahyuddin Award 2025 Kategori Dosen** dari The Profesor Mahyuddin Institute, 14 September 2025.

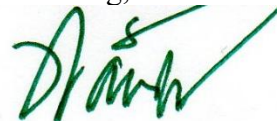
J. LAIN-LAIN

1. Member of the Senate Universitas Sriwijaya (Academic Commission), 2011 – 2015.
2. Anggota Validator dan Asesor Penilaian Angka Kredit (PAK) Kopertis Wilayah II, Januari 2013 – Desember 2016.
3. Editor-in-Chief Journal Generic Faculty of Computer Science Universitas Sriwijaya, 2013 – 2016.

4. Chairperson of the 17th ASEAN Student Sports Week (ASEAN University Games) Information System Developer, Palembang, Indonesia, 2014.
5. Member of the Lecturer Scientific Work Validator Universitas Sriwijaya, January 2014 - December 2016.
6. Senate Secretary of the Faculty of Computer Science, Universitas Sriwijaya, 2015 – 2018.
7. Member of the Editorial Board of the Information Systems Journal, Department of Information Systems, Faculty of Computer Science, Universitas Sriwijaya, 2015 – 2016 & 2019 – 2020.
8. Reviewer of the Journal of Computer Science and Informatics, Faculty of Computer Science, University of Indonesia, 2016.
9. Secretary of the Validator of Sriwijaya University Lecturers' Scientific Work, January - December 2016.
10. Reviewer Seminar on Research Results on Foundation Funding Research Program STMIK PalComTech, 15th March 2016.
11. Member of the Program Committee for the National Seminar on Technology, Business and Design (SNTIBD 2016)–Smart City for Better Future, STMIK PalComTech, Palembang, 12th May 2016.
12. Peserta Rakornas APTIKOM 2016, Lombok, Nusa Tenggara Barat, 27 – 30 Oktober 2016.
13. Reviewer for Fourth International Conference of Information Technology, Cyber and IT Service Management, UIN Jakarta, 2016.
14. Member of Committee, National Seminar on Information Technology, Business and Design (SNTIBD) 2017, STMIK PalComTech, Aryaduta Hotel, Palembang, 12th July 2017.
15. Reviewer for Fifth International Conference of Information Technology, Cyber and IT Service Management, 8-10 August 2017 in Denpasar, Bali.
16. Penilai (Asesor) Laporan Kinerja Dosen (LKD) Dosen Fakultas Ilmu Komputer, Universitas Sriwijaya, 2017 – sekarang.
17. Members of the Lecturer Credit Score Assessment Team, Universitas Sriwijaya, January 2017 – December 2020.
18. Member of the Editorial Board of the Scientific Journal of Information and Technology (TEKNOMATIKA) STMIK PALCOMTECH Vol. 7, No. 1, March 2017 until Vol. 8, No. 2, September 2018.

19. Member of the Senate of the Faculty of Computer Science, Universitas Sriwijaya, 2018 – 2020.
20. Member of the Assessors for Lecturer Workloads Universitas Sriwijaya, 2019 – 2020.
21. Reviewer for Fifth International Conference of Information Technology, Cyber and IT Service Management, 7 – 9 August 2018 in Medan.
22. Members of the Senate Universitas Sriwijaya (Human Resources Commission), 2019 – 2023.
23. Members of Appraisers and Credit Score Validation for Academic Position Lecturers in Region II Higher Education Service Institutions, June - December 2020.
24. Deputy Chairperson of 2020-2024 RENSTRA Committee, Universitas Sriwijaya, 2020.
25. Anggota Dewan TIK Daerah (DETIKDA), bagian TIK, Provinsi Sumatera Selatan, 2020 – 2026.
26. Ketua Divisi Teknologi Informasi dan Komunikasi, Persatuan Insinyur Indonesia (PII), Sumatera Selatan, 2020-2024.
27. Ketua Tim Penilai Angka Kredit, Fakultas Ilmu Komputer, Universitas Sriwijaya, Maret 2025 – sekarang.
28. Anggota Tim Penilai Sertifikasi Dosen (Serdos) Nasional, Universitas Sriwijaya, Agustus 2025 – sekarang.

Palembang, 25 Januari 2026



Samsuryadi, S.Si., M.Kom., Ph.D.