

STAFF HANDBOOK (CV)



Name	Aji Prasetya Wibawa, S.T., M.M.T., Ph.D.			
Post	<i>Knowledge Engineering and Data Science</i>			
Academic Career	S1	Electrical Engineering Universitas Brawijaya	2004	
	S2	Institut Teknologi Sepuluh Nopember	2007	
	S3	University Of South Australia	2014	
Employment	Dosen	Universitas Negeri Malang		
Research and development project over the last 5 year	Grading System Recommendations for Students using Fuzzy Mamdani Logic		2020	
	Analysis of Lecturer Perception Level on Concepts, Principles, and Procedures for Implementing Authentic Assessment in Life-Based Learning		2020	
	The Implementation of Fuzzy Mamdani Algorithm for Determining Departments in SMK		2020	
	Realtime Potential Energy Monitoring and Data Logging Systems on the River Flow for Micro Hydro Power Plants		2020	
	The Implementation of Boyer-Moore Algorithm in WEB Based Computer and Informatic Terms Dictionary		2020	
Industry collaborations over the last 5 year				
Patens and propriety right	No	Title	Year	ID Number
	1	MERCON (Managing Editing Reviewing Conference)	2018	EC00201811585
	2	SIR-PRAKERLAP (S Sistem Rekomendasi Tempat Praktik Kerja Lapangan dengan Metode Simple Additive Weighting)	2019	EC00201933951
	3	Game Edukasi Ular Tangga Bermuatan Teams Game Tournament Pada Mata Pelajaran Komputer Dan Jaringan Semester 1	2019	EC00201977140
Important publications over the last 5 year	A model for auto generating sets of examination items in educational assessment by using fuzzy c-means, World Transaction on Engineering and Technology Education, 15(2)			International Journal

	A performance a modified fuzzy C-Means (FCM) and chicken swarm optimization (CSO) (2017 3rd International Conference on Science in Information Technology)		International Conference
	An interactive digital book for engineering education students, vol 16(1), 2018, hal 54-59, World Transactions on Engineering and Technology Education		International Journal
	Design of Web-based Lightweight Interactive Multimedia for Distance Learning, vol 1028(1), 2018, hal 012059, Journal of Physics: Conference Series		International Journal
	Designed operating approach of economic dispatch for java bali power grid areas considered wind energy and pollutant emission optimized using thunderstorm algorithm based on forward cloud charge mechanism,13(1), 2018, 59-68, International Review of Electrical Engineering		International Journal
	Enabling external factors for inflation rate forecasting using fuzzy neural system, (International Journal of Electrical and Computer Engineering, vol 7(5), hal 2746		International Journal
	Evaluation of the power transaction considering the transmission use of system charges and system constraints,2018 hal 10, World Transactions on Engineering and Technology Education		International Journal
	Illiteracy Classification Using K Means-Naïve Bayes Algorithm, vol 2 (3), 2018, 2018, hal 183-158, JOIV: International Journal on Informatics Visualization		International Journal
	Naïve Bayes Classifier for Journal Quartile Classification, International Journal of Recent Contributions from Engineering, Science & IT (iJES), vol 7(2), pg 91-99)		
	Stand-Alone Data Logger for Solar Panel Energy System with RTC and SD Card, 1028(1), 2018, hal 12065, J. Phys. Conf. Ser		International Journal
	The Effectiveness of Hybrid Bacpropagation Neural Network Model and TSK Fuzzy Inference System for Inflation Forecasting (Journal of Telecommunication, Electronic and Computer Engineering JTEC, vol 9(2), hal 111-117)		
Activities in specialist bodies over the last 5 year	The performance of text similarity algorithms, Vol 4(1), 2018, hal 61-69, International Journal of Advances in Intelligent Informatics		International Journal
	Analisis Jaringan Saraf Tiruan Model Perceptron pada Pengenalan Pola Pulau di Indonesia (Jurnal Ilmiah Teknologi Informasi Asia, vol 11(1), pg 89-100)		Journal National
Activities in specialist bodies over the last 5 year	IEEE member	member	2020