

Name	Dr. Eng. Agus Naba, M.T.		
Position	Associate Professor		
Scopus ID	36146268500		
Link google scholar	https://scholar.google.com/citations?hl=en&user=fT_nJMAAAAJt		
Academic Career	Doctoral Degree	University	Year
	Computer Science	Univ. of Tsukuba, Japan	2004 - 2007
	Master degree	University	Year
	Instrumentation and Control	Institut Technology of Bandung	1997 - 2000
	Undergraduate degree	University	Year
	Physics (Electronics and Instrumentations)	Univ. of Brawijaya	1991 – 1995
Employment	Position	Employer	Period
	Lecturer	FMIPA	1995
Research and development projects over the last 5 years	Name of project or research focus	Funding Sources	Period
	Sensor QCM dengan Rangsangan Pulsa Eksternal untuk Deteksi Cepat Kekentalan Plasma Darah Penderita Kencing Manis	National Competition Research	2017 – 2019
	Analisis sinyal transduser ultrasonic dual element pada bahan multilapis	DPP/SPP FMIPA UB	2017
	Dekomposisi Sinyal Multipath dengan analisis white noise dan korelasi	DPP/SPP FMIPA UB	2018
	Dekomposisi Sinyal Multipath Resolusi Tinggi dengan Sliding FFT	DPP/SPP FMIPA UB	2019
	Sensor deteksi kekentalan plasma darah penderita diabetes dengan suhu sample terkontrol	Penelitian Desentralisasi	2019 - 2021
	Sensor array QCM dengan modifikasi plasma untuk deteksi senyawa volatile organik (VOC) produk herbal dalam orde sub ppm	Penelitian kompetitif nasional – PPS – PMDSU	2019 - 2021
	Partners, if applicable		
	Published Books	Title	Publisher
Belajar Cepat Fuzzy Logic		Andi Jogjakarta	2009

	Menggunakan Matlab		
Industry collaborations over the last 5 years	Project Titles	Partners	Period
Patents and proprietary rights	Titles		Year
	Data Akuisisi Sensor QCM 4 Kanal		2020
Important publications over the last 5 years	Selected recent publications from a total of approx. (give total number): 12		
	1. Sarwani, Mohammad Zoqi, Wayan Firdaus Mahmudy, and Agus Naba. 2017. "Cost Optimization of Multi-Level Multi-Product Distribution Using An Adaptive Genetic Algorithm." <i>Journal of Information Technology and Computer Science</i> 1 (2): 53. https://doi.org/10.25126/jitecs.20161218 .		
	2. Naba, Agus. 2016. "Evaluation-Function-Based Model-Free Adaptive Fuzzy Control." <i>Journal of Engineering and Technological Sciences</i> 48 (6): 679–99. https://doi.org/10.5614/j.eng.technol.sci.2016.48.6.4 .		
	3. MS Ciptaningrum, MA Muslim, A Naba, 2016, "Analisis Kinerja Jalan Raya Kota Malang Menggunakan Metode FCD (Floating Car Data)", Jurnal Nasional Teknik Elektro dan Teknologi Informasi, Vol 5, No 1, DOI: http://dx.doi.org/10.22146/jnteti.v5i1.183		
	4. H. Santoso, M Aziz Muslim, A. Naba, 2016, Optimasi Gerakan Heliks untuk Meningkatkan Performa Algoritme Alga pada Desain Pressure Vessel, Jurnal Nasional Teknik Elektro dan Teknologi Informasi, Vol.5, No. 3, DOI: http://dx.doi.org/10.22146/jnteti.v5i3.260		
	5. G.D. Santika, W.F. Mahmudy, A. Naba, 2017, "Electrical Load Forecasting using Adaptive Neuro-Fuzzy Inference System", <i>Int. J. Advance Soft Compu. Appl</i> 9 (1),		
	6. A Naba, A Nadhir, 2018, "Power Curve based Fuzzy Wind Speed Estimation in Wind Energy Conversion Systems", <i>Journal of Advanced Computational Intelligence and Intelligent Informatics</i> , Vol 22, NO. 1, doi: 10.20965/jaciii.2018.p0076		
	7. Faqih Rofii, Agus Naba, Hari Arief Dharmawan and Fachrudin Hunaini, 2020, "Analysis of Electrical Power Quality Disturbances Based on Empirical Mode Decomposition and Statistical Parameters",		
	8. Sakti, Setyawan P., Ragil D. Kusuma, Imron Rosadi, Ridha N. Ikhsani, and Agus Naba. 2018. "Accuracy and Stability of Sinusoidal Signal Generated Using DDS-9910 and TCXO as Reference Clock." In 2018 Electrical Power, Electronics, Communications, Controls and Informatics Seminar, EECCIS 2018, 146–49. Institute of Electrical and Electronics Engineers Inc. https://doi.org/10.1109/EECCIS.2018.8692980 .		
	9. Agus Naba, Sri Herwiningsih, Heru Harsono, 2019, "Multi-path signal decomposition with white-noise and correlation analysis", IOP Conference		

	Series: Materials Science and Engineering, Vol. 546, 3,		
	10. DH Pitaloka, RN Ikhsani, A Naba , SP Sakti, 2019, “Thermoelectric-based temperature control for rapid heating and cooling”, IOP Conference Series: Materials Science and Engineering, Vol 546, p. 032026, https://doi.org/10.1088/1757-899X/546/3/032026		
	11. SP Sakti, ERN Akbar, DD Kamasi, A Naba , 2019, “Impedance Measurement of the Quartz Crystal Microbalance using Phase Gain Detector and Digital Storage Oscilloscope”, Science and Engineering, Vol 546, p. 042040, https://doi.org/10.1088/1757-899X/546/4/042040		
	12. F Rofii, A Naba , HA Dharmawan, F Hunaini., 2020, “Analysis of Electrical Power Quality Disturbances Based on Empirical Mode Decomposition and Statistical Parameters”, IOP Conference Series: Materials Science and Engineering, 2020, 846(1), 012050, https://doi.org/10.1088/1757-899X/846/1/012050		
Activities in specialist bodies over the last 5 years	Organization	Role	Period
	Physics Society of Indonesia	Member	2017 - Now