STAFF HANDBOOK (CV)

Name	**SUJITO**		
Post	Intelligent Power and Advanced energy System (IPAES)		
Academic Career	S1	Electrical Engineering, UGM Indonesia	2000
	S2	Electrical Engineering, UGM Indonesia	2003
	S3	Electronic Engineering, NKUST Taiwan	2019
Employment	Lecture	Universitas Negeri Malang	2003-
Research and development project over the last 5 year	Method development for microelectronic circuits analysis		2016-2019
	Development of biosensor to detect pH levels based on internet of things		2020
	Evaluation of random shadow penetration on solar modules uses computational intelligence methods to optimize energy cell generation in the storage system process mechanism		2020
	Development of smart missile berbasis artificial intelligent		2020
Industry collaborations over the last 5 year)	Development of the self-electricity in using 0.5 kw pv panel in Islamic boarding school Miftahul Ulum Sukolilo, Jabung Malang		2020
	Training on solar automatic pump installation for clean water supply in Kaligambang, Panggungrejo, Blitar Regency.		2020
	The Utilization of information technology to increase the legality of licensing for micro-entrepreneurs in the Lawang Baking Lovers (BLL) community, lawang district		2020
	Application of water quality monitoring system based on the internet of things to improve the productivity of gouramy cultivation at dusun Bakalan		2020
	Programmable logic controller trainer development and revitalization of the 21st century learning SMK PGRI teachers' Singosari Malang district		2020

Patens and propriety right	No	Title	Year	ID Number

Important publications over the last 5 year	**Sujito**, Yueh-Ling lin, Quoc-Minh Nguyen, Chao-Ping Wang and Hung-Yu Wang, "**Inverse Filter Synthesis with NAM Expansion**," in Proceeding of the 2016 International Conference on "Physics, Mechanics of New Materials and Their Applications"	2016
	Sujito, Huu-Duy Tran, Yueh-Ling Lin, Cong Chuan Pham, Hung-Yu Wang and Shun-Hsyung Chang, "**Enhanced Pathological Element-Based Symbolic Nodal Analysis**," Applied Sciences, Published: December 27, 2018	2018
	Sujito, Huu-Duy Tran, You-Cyuan Wei and Hung-Yu Wang, "**Novel Wide Dynamic Range Mirror**," Modern Physics Lettres B, Published: April 17, 2019	2019
	Sujito, Huu-Duy Tran, Yueh-Ling Lin, Hung-Yu Wang, "**A Sequential Symbolic Active Network Analysis Technique Using Nullor Elements**", Modern Physics Letters B, Published: April 17, 2019	2019
	Sujito, FS Aziz, AP Wibowo, IM Wirawan, Aripriharta, AI Syah, TH Duy, "**Image processing system for pH classification using biosensors**," Proceeding the 4th FIRST-IC November 2020 Palembang	2020
	Kamil Faqih, **Sujito**, Siti sendari, Faiz Syaikhoni aziz, "**Smart guided missile using accelerometer and gyroscope based on backpropagation neural network method for optimal control output Feedback**," Journal of Mechatronic, Electrical Power and Vehicular Technology, Accepted 12 October 2020	2020

Activities in specialist bodies over the last 5 year	IEEE		Member	2020 -