Staff Handbook

Unit Three Kartini, S.T., M.T., Ph.D.

POSITION	**Lecturer of Electrical Engineering, Faculty of Engineering, UNESA**		
	Doctor in Electrical Engineering (Intellegence Power System)		
	Title	**University**	**Year**
	Ph.D	National Taipei University of Technology (NTUT)-Taiwan	2017
ACADEMIC CAREER	Bachelor of Eletrical Engineering	Institut Teknologi Nasional Malang (ITN)	1994 - 1999
	Master of Engineering	Universitas Indonesia (UI)	2000 - 2002
	Doctor of Philosophy	National Taipei University of Technology (NTUT)-Taiwan	2012 - 2017
EMPLOYMENT	**Position**	**Place**	**Year**
	Lecturer of Electrical Engineering Department	Department of Electrical Engineering	2002 - Now
	Assistant Professor – Lower.	Department of Electrical Engineering	2004- 2011
	Assistant Professor - Upper	Department of Electrical Engineering	2011 - Now
	Deputy head of laboratory Intellegence Power System	Department of Electrical Engineering	2019 - Now
	1. Pengembangan dokumen Mutu di Pascasarjana Unesa (2017)		
	2. Pengaruh SPMI dan ISO terhadap Penjaminan Mutu Pascasarjana Unesa (2018)		

	3. Mendeteksi Intensitas Radiasi Sinar Matahari Pembangkit Listrik Photovoltaic Berdasarkan Data Meteorologi Dengan Metode Fuzzy-MCDM-NN Untuk Petani Tambak Garam (2019)
RESEARCH AND DEVELOPMENT PROJECT OVER THE LAST 5 YEARS	

PATENTS AND PROPRIETARY RIGHT	**Title**	**Year**
	1. Android Motion Sensor, Nomor: 000134292	2019.

IMPORTANT PUBLICATIONS OVER THE LAST 5 YEARS
1. Hybrid Model Combined Fuzzy Multi-Objective Decision Making with Feed Forward Neural Network (F-MODM-FFNN) For Very Short-Term Load Forecasting Based on Weather Data, International Journal of Intelligent Engineering and Systems, Vol.13, No.4, 2020 (In Press), (**Scopus Q2**)
2. *k*-Nearest Neighbor Neural Network Models for Very Short-Term Global Solar Irradiance Forecasting Based on Meteorological Data 186, Feb 2017 359, *Energies*
3. Very Short Term Load Forecasting Based On Meteorological With Modelling k-NN Feed Forward Neural Network, J. Electrical Systems 15-1 (2019): 1-16, *Journal of Electrical Systems (JES)*
4. K-NN Decomposition Artificial Neural Network Models for Global Solar Irradiance Forecasting Based On Meteorological Data, (Karya Ilmiah dimuat di IJCEE- International Journal of Computer and Electrical Engineering Vol. 9 No. 1, June 2017 hal 351-10(2), ISSN: 2010-3654),

ACTIVITIES IN SPECIALIST BODIES	**Organization**	**Position**	**Period**