

STAFF HANDBOOK (CV)



Name	Quota Alief Sias, S.T., M.T.		
Post	Intelligent Power Electronics and Smart Grid (IPESG)		
Academic Career	S1	Electrical Engineering Institut Teknologi Bandung	2014
	S2	Power System Engineering Institut Teknologi Sepuluh Nopember	2017
Employment	Lecturer	Universitas Negeri Malang	2017-present
Research and development project over the last 5 year	Pengembangan dan Implementasi Ubiquitous Technopark Edukasi Renewable Energy		2017
	Novel Z-Source Inverter Topology for Photovoltaic Generation System		2018
	Implementasi Algoritma Metaheuristik untuk Meningkatkan Stabilitas Daya Sistem Energi Terbarukan On-Grid pada Pemasangan Perangkat Penyimpan Daya Kelistrikan		2019
Industry collaborations over the last 5 year	Training and Manufacturing of Remote Monitoring System for Photovoltaic (PV) Minigrid (in collaboration with GIZ Endev Indonesia)		2019
Patents and propriety right	No	Title	Year
	1.	Edukit Internet of Things	2019
Important publications over the last 5 year	Quasi Z-source inverter as MPPT on renewable energy using grey wolf technique		2018
	Combined Computational Intelligence Approach for the Power System Optimization Problem		2018
	Energy Consumption of Electric Vehicle System Under Various Speed and Voltage Levels		2019
	Comparative study: Pitch angle variation for making power curve and search maximum power of horizontal axis wind turbine		2020
	Performances of photovoltaic array configurations under partial shading condition		2020
Activities in specialist bodies over the last	IEEE	Member	2020