

## STAFF HANDBOOK (CV)



Name	<b>Dr. Eng. Siti Sendari, S.T., M.T.</b>			
Post	<b>Dinamic Systems, Control and Robotics</b>			
Academic Career	S1	Electrical Engineering; Brawijaya University	1996	
	S2	Electrical Engineering; Gadjah Mada University	2005	
	S3	Information, production, and Systems; Waseda University	2013	
Employment	Lecturer, International Relation Office of Emgineering Faculty	Universitas Negeri Malang	2019	
Research and development project over the last 5 year	Integrated Education to Achieve Low Carbon Awareness by Improving the Environmental Monitoring Action and Decreasing Energy Utilizing for Communities Surrounding the Garbage Center in Indonesia.			2018 – 2020
	Energy Monitoring System for Measurement Mobile Station Using 4.0 Technology-based			2020
	Robot Human Follower as Modern Shopping Trolley Based on Industry 4.0 Technology			2019
	Arm Robot Trainer to Support Experimental Distant Control			2019
	Education on Renewable Energy and Power Energy Saving Considering Environmental Behavior for Vocational Schools as a pilot Project in Malang, Indonesia			2015-2017
Industry collaborations over the last 5 year	SPLAS - Intelligent Switch Using Internet of Things			2019
	Arm Robot for Shorting Goods Using Image Processing			2017
Patens and propriety right	No	Title	Year	ID Number
	1	Trainer of Electrical Lighting Instalation Based on Solar Power	2019	SID201906754
	2	Instrumenetfor Detecting Gas Level (CH4 and CO)	2019	SID201906752
	3	Security System Based Augmented reality AR for Future Home Security	2018	IDS000003141
Important publicati ons over the last 5 year	Developing AR-based ebook for introducing dynamic process of fuel cell			2020
	Exploration of genetic network programming with two-stage reinforcement learning for mobile robot (Telkomnika)			2019
	Design and Analysis of Safety Hazardous Gas Instruments for laboratory experiments			2019

	Internet-based monitoring and warning system of methane gas generated in garbage center		2018
	Integrating embedded color vision to bioloid robot for playing soccer		2017
	Implementation of Genetic Algorithm to academic scheduling system		2016
	Developing prototype of web-based home controlling for teaching trainer		2016
Activities in specialist bodies over the last 5 year	IEEE	Member	2020
	Fortei7	Treasure	2018-2020