

## STAFF HANDBOOK (CV)



Name	<b>Muhammad Afnan Habibi, S.T., M.T., M.Eng.</b>			
Post	<b>Intelligent Power Electronics and Smart Grid (IPESG)</b>			
Academic Career	S1	Electrical Engineering, Brawijaya University	2015	
	S2	Electrical Engineering, Double Degree Program in Brawijaya University and University of Miyazaki	2017	
	S3			
Employment	Instructor	Universitas Negeri Malang	2018	
Research and development project over the last 5 year	Control of Input Power to Increase The Efficiency of A Water Pump Motor Based On Optimal Control Algorithm			2019
Industry collaborations over the last 5 year	Utilization of Solar Water Pumps to Improve Water Irrigation Volume in A Rural Farm , with Tawang Farmer Group			2020
Patens and propriety right	No	Title	Year	ID Number
Important publications over the last 5 year	Efficient Electric Water Pump Using Frequency Based Power Transmission, <b>IEEE Xplore</b>			2019
	Optimal Power Transfer Using Resonant Coupling for Wireless Capacitive Load, <b>IEEE Xplore</b>			2020
	The Study of Sweep Frequency Response Analysis For Inspecting The Performance of Transformer, <b>Journal of Physics: Conference Series</b>			2020
Activities in specialist bodies over the last 5 year	IEEE		Member	2020