

1. Staff Handbook



Mahendra Widyardono, S.T., M.T.

POSITION	Lecturer of Electrical Engineering, Faculty of Engineering, UNESA		
	Master in Electrical Power System		
	Title	University	Year
	Magister Teknik	Brawijaya University	2012
ACADEMIC CAREER	Bachelor of Engineering	Sepuluh Nopember Institute of Technology	2006
	Master of Engineering	Brawijaya University	2012
EMPLOYMENT	Position	Place	Year
	Lecturer	Electrical Engineering Department – Engineering Faculty – Surabaya State University, Indonesia	2014 - Now
	Deputy Head of Electrical Measurement Laboratory	Electrical Engineering Department – Engineering Faculty – Surabaya State University, Indonesia	2016 – Now
	Deputy Head of Transmission and Distribution System Laboratory	Electrical Engineering Department – Engineering Faculty – Surabaya State University, Indonesia	2016 – Now
RESEARCH AND DEVELOPMENT PROJECT OVER THE LAST 5 YEARS	<ol style="list-style-type: none"> 1. Rancang Bangun Solar Power Trainer menggunakan Konverter Buck dan Kontrol Fuzzy (Young Lecturer Research, 2015, as head of research group) 2. Perancangan Trainer Sistem Pengatur Daya Cadangan Berbasis Zelio Smart Relay (Penelitian Kebijakan Fakultas, 2016, as member of research group). 		

	3. Portable Solar Powered Water Pump di Kecamatan Kokop Madura (Iptek Bagi Masyarakat, 2016, as head of research group).		
PATENTS AND PROPRIETARY RIGHT	Title	Year	
	-	-	
	-	-	
IMPORTANT PUBLICATIONS OVER THE LAST 5 YEARS	1. Potensi OTEC di Provinsi Papua Indonesia, Indonesian Journal of Electrical and Electronics Engineering, No. 01 Vol. 02 page. 17 - 21 (2019). 2. Harvesting System for Autonomous Robotic in Agriculture : A Review, Indonesian Journal of Electrical and Electronics Engineering, No. 01 Vol. 02 Page. 1 - 6 (2019). 3. Machine Vision and Global Positioning System for Autonomous Robotic Navigation in Agriculture: A Review, Journal of Information Engineering and Educational Technology (2019). 4. OTEC Potential of East Nusa Tenggara Province in Indonesia, 2nd International Conference on Vocational and Electrical Engineering, Vol. 336/012005, IOP Publishing, (2018). 5. Portable Solar Powered Water Pump di Kecamatan Kokop Madura, Seminar Hasil Penelitian dan Pengabdian Kepada Masyarakat 2016 Proceeding, ISBN/ISSN : 978-602-0951-13-3, Page 55 - 59. (2016). 6. Pengembangan Solar Power Trainer Menggunakan Konverter Buck pada Konversi Energi Surya Menjadi Energi Listrik, Seminar Nasional APTEKINDO Proceeding, ISBN/ISSN No : 978-602-74864-0-9, Page. A-05-047 s.d. A-05-058, (2016). 7. Solar Power Trainer Design Using Buck Converter and Fuzzy Logic Control, International Conference on Vocational Engineering and Electrical Engineering Proceeding (2015).		
ACTIVITIES IN SPECIALIST BODIES	Organization	Position	Period
	-	-	-
	-	-	-