

# Staff Handbook



***Prof. Dr. Bambang Suprianto, M.T.***

<b>POSITION</b>			
<b>Lecturer of Electrical Engineering, Faculty of Engineering, UNESA</b>			
Professor of Electrical and Electronic Control Systems			
<b>Title</b>		<b>University</b>	<b>Year</b>
Prof. Dr, MT.		Unesa	2014
<b>ACADEMIC CAREER</b>			
	S1- Electronic Engineering Education	IKIP Surabaya	1986
	S2 - Master of Electrical Engineering - System	Institut Teknologi Sepuluh Nopember	2001
	S3- Doctor of Electrical Engineering -System	Institut Teknologi Sepuluh Nopember	2012
<b>EMPLOYMENT</b>			
<b>Position</b>	<b>Place</b>		<b>Year</b>
Lecturer	Department of Electrical Engineering		1987-present
Deputy head of Laboratory of Electronic Engineering	Department of Electrical Engineering		1990-2004
Head of Program Study	Department of Electrical Engineering		2012-2015
Head of Departement of Electrical Engineering	Department of Electrical Engineering		2015 - 2018
Senator of UNESA	UNESA		2015 - 2018
Secretary of PAK UNESA	UNESA		2015 - 2018
<b>RESEARCH AND DEVELOPMENT PROJECT OVER</b>			
1. Rancang Bangun sistem Telemetri Sebagai Media Pembelajaran Mata Kuliah Telemetri dan Kontrol di JTE Unesa			
2. Pengembangan Jobsheet pada Matakuliah Eletronika Daya pada Prodi S1 Pendidikan Teknik elektro FT Unesa			

<b>THE LAST 5 YEARS</b>	3. Rancang bangun perangkat pembelajaran Elertonika Daya dengan software matrix laboratory melalui pendekatan inquiry based learning berorientasi pada kebutuhan industry (First year)
	4. Restrukturisasi kurikulum program studi D3 Teknik Listrik Fakultas Teknik Unesa
	5. Rancang Bangun Perangkat Pembelajaran Eletronika Daya Dengan Software Matrix Laboratory Melalui Pendekatan Inquiry Based Learning Berorientasi Pada Kebutuhan Industri (Second year)
	6. Pengembangan Jobsheet Berbasis Video Tutorial untuk Memperluas implementasi Vi Learning pada Matakuliah Praktikum PLC
	7. Perancangan Trainer Praktikum Otomasi Instalasi Listrik Berbasis PLC CP1E N20 DRA-HMI

<b>PATENTS AND PROPRIETARY RIGHT</b>	<b>Title</b>	<b>Year</b>
	HKI, Modul Pembelajaran PLC dan Pnumatik	2020 (In process)

<b>IMPORTANT PUBLICATIONS OVER THE LAST 5 YEARS</b>				
	1	<i>Implementation of the Technology Revolution 4.0: Monitoring and Measurement of Temperature, Distribution Current at Transformers Using Internet of Things</i>	Volume 5 Issue 11, Desember 2019, International Journal of New Technology and Research ISSN:2454-4116	International Journal of New Technology and Research (IJNTR) Impact Factor 3.953  (An ISO 9001:2008 Certified Online)
	2	<i>Internet of Things as Media Control System</i>	Volume 4 Issue 10, Desember 2018, International Journal of New Technology and Research ISSN:2454-4116	International Journal of New Technology and Research (IJNTR) Impact Factor 3.953 (An ISO 9001:2008 Certified Online)
	3	<i>Trainer Distance Sensor and Color Sensor As Learning Media</i>	Volume 3 Issue 10, Desember 2017, International Journal of New Technology and Research ISSN:2454-4116	International Journal of New Technology and Research (IJNTR) Impact Factor 3.953 (An ISO 9001:2008 Certified Online)

4	<i>Analysis Of Electromagnetic Field On Transmission Line To Human Using Infinite Element Method Internet of Things as Media Control System</i>	WJRR Journal, Vol. 5, September 2017, <b>ISSN:</b> 2455-3956	World Journal of Research and Review (An ISO 9001:2008 Certified Online Journal) India,   Canada, Finland
5	<i>Dwi Fungsi LED (Light Emitting Diode) Sebagai Transmisi Audio Satu Arah dan Penerangan Ruang.</i>	JTE, Jurnal Teknik Elektro. Vol. 1, Nmr. 1, Maret 2012. ISSN:2252-5017. Sebagai Anggota	JTE, Jurnal Teknik Elektro
6	<i>Control System For Non Identical Dc-dc Converters using Adaptive Neuro Fuzzy Inference System</i>	Vol. March 2011. "IJAR" TM is indexed/abstracted in "Thomson Reuters" Print: ISSN: 2075-4124, Online: E-ISSN: 2075-7107.	International Journal Academic Reaserch. National registration No: 2996 (from Ministry of Justice), Publishing House Progress, Baku Azerbaijan, 2011.

ACTIVITIES IN SPECIALIST BODIES	Organization	Position	Period
	IAENG	Member	2017 - 2020
	FORTEI	Member	2014 - 2020