

# 1. Staff Handbook



***Dr. Nurhayati, ST., MT***

<b>POSITION</b>			
<b>Lecturer of Electrical Engineering, Faculty of Engineering, UNESA</b>			
Doctor in the Departement of Electrical Engineering			
	<b>Title</b>	<b>University</b>	<b>Year</b>
	Doctor	Institut Teknologi Sepuluh Nopember	2019
<b>ACADEMIC CAREER</b>			
	Bachelor of Physics Engineering	Institut Teknologi Sepuluh Nopember	2002
	Master of Electrical Engineering	Institut Teknologi Sepuluh Nopember	2005
	Doctor of Electrical Engineering	Institut Teknologi Sepuluh Nopember	2019
<b>EMPLOYMENT</b>			
	<b>Position</b>	<b>Place</b>	<b>Year</b>
	Lecturer	Departement of Electrical Engineering, Faculty of Engineering Universitas Negeri Surabaya	2006-Now
	Chair of Telecommunication Laboratory	Departement of Electrical Engineering, Faculty of Engineering Universitas Negeri Surabaya	2014-2015 2019-now
	Chair of quality assurance unit	Departement of Electrical Engineering, Faculty of Engineering Universitas Negeri Surabaya	2020-now
<b>RESEARCH AND DEVELOPMENT PROJECT OVER</b>			
	1. Pengurangan Mutual coupling Antena Array Vivaldi Coplanar Untuk Aplikasi Telekomunikasi S&C Band (Hibah Doktor, Chair)		

<b>THE LAST 5 YEARS</b>	2. Pengembangan Wireless Body Area Network Berbasis Twelite Mono Wireless Sebagai Media Pembelajaran komunikasi Data (Penelitian kebijakan fakultas, Member)		
	3. Peningkatan Pola Radiasi dan Pemodelan Mutual Coupling Antenna Array Vivaldi untuk Aplikasi Radar (Penelitian Terapan, DRPM, Chair of research)		
	4. Pelatihan Pemanfaatan Media Pembelajaran E-Learning sebagai Upaya Peningkatan Kualitas Guru di SMKN 1 Bendho Magetan (PKM kebijakan Fakultas, Member)		
	5. Upaya Meningkatkan Ketrampilan Pemrograman PLC Bagi siswa SMK Negeri 1 Bendo Magetan Sebagai Persiapan Lomba Kompetensi Siswa (LKS) Tingkat Propinsi Jawa Timur (PKM kebijakan Fakultas, Member)		
	Partner		
	1. IFSP Brazil <a href="https://labmax.org/index.php/pessoas/">https://labmax.org/index.php/pessoas/</a>		
	2. Kumamoto University <a href="http://www.sedef.eecs.kumamoto-u.ac.jp/publications.html">http://www.sedef.eecs.kumamoto-u.ac.jp/publications.html</a>		
<b>PATENTS AND PROPRIETARY RIGHT</b>	<b>Title</b>	<b>Year</b>	
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<b>IMPORTANT PUBLICATIONS OVER THE LAST 5 YEARS</b>	1. Mutual Coupling Reduction for UWB Coplanar Vivaldi Array by Truncated and Corrugated Slot (IEEE Antenna and Wireless Propagation Letters, Vol 17, No 12, Desember 2018 DOI: 10.1109/LAWP.2018.2873115)		
	2. Radiation Pattern Analysis and Modelling of Coplanar Vivaldi Antenna Element for linear Array Pattern Evaluation (Progress In Electromagnetics Research B, Vol 84, 79-96,2019. doi:10.2528/PIERB19040502		
	3. Palm Tree coplanar Vivaldi Antenna for near field radar application (Microwave and optical technology letters, Vol 62, Issue 2, 2020, doi.org/10.1002/mop.32127)		
	4. Comparison Study of S- Band Vivaldi based Antenna. (Tensymp IEEE, Sanur Bali, 2016, DOI: 10.1109/TENCONSpring.2016.7519402)		
	5. Effect of Vivaldi Element Pattern on the Uniform Linear Array Pattern. (Comnetsat, Surabaya, 2016, DOI: 10.1109/COMNETSAT.2016.7907414)		
	6. Total Array Pattern Characteristics of Coplanar Vivaldi Antenna in E-Plane with Diferent Element Width for S and C Band Application. (Progress In Electromagnetics Research Symposium (PIERS),Singapore, 2017, DOI:10.1109/piers-fall.2017.8293304)		
	<b>Organization</b>	<b>Position</b>	<b>Period</b>

<b>ACTIVITIES IN SPECIALIST BODIES</b>	IEEE	Member	2015-Now
	IEEE Young Professional	Member	2018-Now
	IEEE Antennas and Propagation Society	Member	2015-Now
	FORTEI (Electrical Engineering Society in Indonesia)	Member	2020