

Staff Handbook



Rr. Hapsari Peni Agustini T. S.Si,M.T.

POSITION	Lecturer of Electrical Engineering, Faculty of Engineering, UNESA		
	Magister in Telecommunication Engineering		
	Title	University	Tahun
	Magister	Institut Teknologi Sepuluh Nopember	2005
ACADEMIC CAREER	Bachelor in Physics	Institut Teknologi Sepuluh Nopember	1994 - 2000
	Magister Engineering	Institut Teknologi Sepuluh Nopember (ITS) Surabaya	2001- 2005
EMPLOYMENT	Posisi	Tempat	Tahun
	Lecture at Eletrical Eng. Dept.	Electrical Eng. Dept. Universitas Negeri Surabaya-Indonesia	2008- now
	Head of Physics Laboratory	Electrical Eng. Dept. Universitas Negeri Surabaya-Indonesia	2010 - 2014
	Quality Control Manegement	Electrical Eng. Dept. Universitas Negeri Surabaya-Indonesia	2015 - 2017
RESEARCH AND DEVELOPMENT PROJECT OVER THE LAST 5 YEARS	1. April 2015 – Nov 2016: The superior research of higher education whose title “Developing e-Learning-based the learning media on the physics subject to enhance the learning effectiveness for students in the Vocational Senior High School, Surabaya”. This research is supported by Islamic Development Bank (IDB) 7 in 1, Puput W, Euis I, Hapsari P, Yuni Yamasari (Team).		
	2. April 2014-Nov 2016: “Determination of Disease Syndrome in Traditional Chinese Medicine Using the Expert System”. This research supported by Ministry of Research, Technology and Higher Education, IGP Asto, Hapsari Peni, Naim R (Team).		

	3. April – Nov 2015: Community Service Program, “Academic Information System for Kindergarten, Klojen Malang”, Dwi Fatrianto S (Leader), Yuni Yamasari, Hapsari Peni (Team).		
IMPORTANT PUBLICATIONS OVER THE LAST 5 YEARS	1. Automatic Segmentation on Glioblastoma Brain Tumor Magnetic Resonance Imaging Using Modified U-Net, EMITTER International Journal of Engineering Technology, 2020, Vol 8, no 1, pp. 161-171		
	2. Volumetric Analysis of Brain Tumor Magnetic Resonance Image, , International Conference on Computer Engineering, Network, and Intelligent Multimedia (CENIM), Surabaya, 2019		
	3. Brain tumor image segmentation in MRI image, Proc. IOP Conf. Ser., Mater. Sci. Eng., Surabaya, 2018		
	4. Identification of Pulmonary Lung Nodules Centroid on CT Scans Using Moment Analysis, International Conference on Intelligent Autonomous Systems (ICoIAS), Singapore, 2018		
	5. “Classification of Lung Disease Syndromes in Traditional Chinese Medicine Based on Learning Vector Quantization”, Advanced Science Letters, Volume 23, Number 12, December 2017, pp. 11879-11883(5), https://doi.org/10.1166/asl.2017.10536		
	6. The Enhancement of Teaching-Learning Process Effectiveness through The Development of Instructional Media Based on E-learning of Surabaya's Vocational Student, 6th International Conference on Educational, Management, Administration and Leadership, Bandung, 2016		
	7. “Computer Simulation Based on K-Means as Learning Media to Determine Syndrome of Disease in Traditional Chinese Medicine”, Journal of Convergence Information Technology, Volume 5, Number 5, September, 2015, pp. 79.		
ACTIVITIES IN SPECIALIST BODIES	Organisasi	Posisi	Periode
	IEEE	Anggota	2017 - sekarang
	IAENG	Anggota	2010 - sekarang