

Endah Rahmawati, S.T.,M.Si.

Position	***Lecturer of Instrumentation, in Department of physics***		
	Degree	***University***	***Year***
Academic career	Bachelor program at Edpartment of Engineering Physics	Institut Teknologi Sepuluh Nopember (ITS), Surabaya-Indonesia	1998-2003
	Master Program at Physics Study Program	Institut Teknologi Bandung (ITB), Bandung-Indonesia	2007-2009
	Doctoral Program at Physics Study Program	Universitas Brawijaya	2019-
	Visitting Academic Staff	Faculty of Science Education, Aichi University of Education, Japan	2015
	Government Employer at Ministry of Research, Technology and Higher Education as a Lecturer Institution (now Ministry of Education and Culture)	IKIP Negeri Surabaya, Indonesia	1995-1998
		Universitas Negeri Surabaya (Unesa), Surabaya, east Java, Indonesia	1998-now
Employment	***Position***	***Employer***	***Period***
	Member of Unit of Physics Department Quality Assurance	Physics Department, Universitas Negeri Surabaya, Surabaya-Indonesia	2017-2019
	Head of Instrumentation Laboratory	Physics Department, Universitas Negeri Surabaya, Surabaya-Indonesia	2016-Now
	Editor & Reviewer of Journal	JPFA, terindeks: DOAJ, Portal Garuda, Google Scolar, dan Scientific Journal WorldWide e-Librart; p-ISSN:2087-9946; e-ISSN:2477-1775	2017-Now
		International Journal of Advanced Robotics, Sage Journal	2019

Research and development projects over the last 5 years	Research focus	Grant (IDR)	Year
	Eco-Robot for Water Surface Cleaning	50.000.000	2019
	Development of Arm-Robot Manipulator	10.000.000	2019
	Early Detection of Pervasive Development Disorder Using Eye tracking and Brain Computer Interface	120.000.000	2019

	Development of Robotic Modul for Undergraduate Students	10.000.000	2018
	Teaching Material Development of Sensor System	10.000.000	2018
	Teaching Material Development of Eletronics 2	10.000.000	2017
	Teaching Material Development of Advanced Electronics	10.000.000	2016
	Development of Microseismic Hypocenter Determination Methods to Determine Geothermal Locations	10.000.000	2016

Patents and proprietary rights	**Patents Title**	**Year**

Important publications over the last 5 years	**International Journals**	
	Endah Rahmawati, Riska Ekawita, Khairurrijal. A Low Cost C8051F006 SoC Based Quasi Static C-V Meter for Characterizing Semiconductor Devices. Telkomnika Vol. 4. 2013.	2013
	International Pocceding	
	Alfi Nur Albab, **Endah Rahmawati,** Meta Yantidewi, Imam Sucahyo, Dzulkiflih. Control Position of Mobile Robot Based on Odometry and PID Control. *J. Phys.: Conf. Ser.* 2020	2020
	A Water Surface Cleaning Robot *J. Phys.: Conf. Ser.* 2020	2020
	Annisa' Hilmi Masruroh, Elly Matul Imah, Endah Rahmawati. Classification of Emotional State Based on EEG Signal Using AMGLVQ. Procedia Computer Science. 2019	2019
	Rijalul Haq, **Endah Rahmawati,** Imam Sucahyo, Dzulkiflih. A Low Cost Mobile Robot Based on Proportional Integral Derivative (PID) Control System and Odometer for Education. *J. Phys.: Conf. Ser.* 2018	2019
	Endah Rahmawati, Imam Sucahyo, Khairurrijal. A Home-Made and Low-Cost Basic Logic Kit for Learning Basic Digital System. ICAET Proceeding Atlantic Press. 2014	2014
	Book/e-Book	
	Endah Rahmawati: Elektronika Lanjut, Jaudar Press, Surabaya-Indonesia	2019
	Endah Rahmawati et., al.: Elektronika Dasar 2, Jaudar Press, Surabaya-Indonesia	2019

Profesional Organization	***Organization***	***Position***	***Period***
	Physics Society of Indonesia	Member PSI-Universitas Negeri Surabaya	2019 - Now

Researcher Identity	ResearchGate	***https://www.researchgate.net/profile/M-Munasir***
	Scopus-ID	**36004932300**
	Sinta-ID	**6010282**
	Google Scholar-ID	**8UqLaMAAAAJ**
	Web of Science Researher-ID	-