



Dzulkih, S.Si., M.T.

Position	<i>Digital Signal Processing, Optical Communication System and Stochastic, lecturer in Physics Study Program</i>		
	Digital Signal Processing, Optical Communication System and Stochastic		
	<i>Degree</i>	<i>University</i>	<i>Year</i>
Academic career	Bachelor at Physics Science Education	Universitas Brawijaya Malang Indonesia	1989-1995
	Master at Eletrical Education Telecommunication Multimedia (Electrical)	Institut Teknologi of Sepuluh Nopember Surabaya Indonesia	2000-2004
	Orentasi Pengembangan Pendampingan Kemahasiswaan (OPPEK)	Universitas Negeri Surabaya - Indonesia	2011
	Peningkatan Keterampilan Dasar Teknik Instruksional (PEKERTI) dan Applied Approach (AA)	Universitas Negeri Surabaya - Indonesia	2009
	Pelatihan Pemandu Latihan Keterampilan Manajemen Mahasiswa (PP LKMM)	Universitas Negeri Surabaya - Indonesia	2010
	Pendidikan dan Pelatihan Prajabatan III Tahun 2009	Pusat Pengembangan Tenaga Pendidikan Badan Pengembangan Sumber Daya Manusia Pendidikan dan Kebudayaan dan Penjamin Mutu Pendidikan Kementrian Pendidikan dan Kebudayaan - Indonesia	2009
	Training on Awareness, Design, and Development Training ISO 9001:2013	PT. First Consulting Indonesia	2013
	Government Employ at Ministry of Research, Technology and Higher Education as a Lecturer Institution (now Ministry of Education and Culture)	Universitas Negeri Surabaya - Indonesia	2019-now
Employment	<i>Position</i>	<i>Employer</i>	<i>Period</i>
	Lecturer on Physics Education Study Program	Universitas Negeri Surabaya - Indonesia	2008-now

	Excellent lecturer on Universitas Hasyim Asya'ari Jombang Indonesia	Universitas Hasyim Asyaari Jombang Jawa Timur Indonesia	2013-2018
	Excellent lecturer on Universitas Tujuh Belas Agustus, Surabaya Indonesia	Faculty of Engeneering Architect, Untag Surabaya, Indonesia	2000 - Now
	Student Activities Supervisor	Department of Physics, Faculty of Mathematics and Natural Sciences, Universitas Negeri Surabaya- Indonesia	2008-2019
	Student Reasoning Activities Supervisor	Department of Physics, Faculty of Mathematics and Natural Sciences, Universitas Negeri Surabaya- Indonesia	2017-now
	Scientific Publication Team	Faculty of Mathematics and Natural Sciences, Universitas Negeri Surabaya - Indonesia	2010-Now
Research and development projects over the last 5 years			
	<p>2013. Potable multilevel control water purifier with household scala natural material synnthesis media, Dikti competing grants- IRD 150,000,000 (research member)</p>		
	<p>2013. Feasibility Study on the Implementasi of 500 Proposal of FMIPA Student Creativity Program Proposal, Surabaya State University BOPTN FMIPA IRD 10,000,000 (research member)</p>		
	<p>2014: Determination of the P and S Wave Speed Stucture under East and Cetral Java With Local Tomography Inversion Dikti competing grants- IRD 162,000,000 (research member) Rector's Decree : Number 095/UN38/ HK/LT/2014</p>		
	<p>2015: Determination of the P and S Wave Speed Stucture Feasibility Study on the Implementasi of 500 P under East and Cetral Java Local Tomography Inversion - Dikti Hibah Competing Number 137/UN38/ HK/LT/2015 IRD 170,000,000 (research member)</p>		
	<p>2016: Analysis of the potensial of subsurface rivers in the karst area in Rengel sub-district of Tuban Regensy Dikti competing grants- Dikti Hibah Competing Number 291/UN38/ HK/LT/2016 IRD 50,000,000 (research member)</p>		
	<p>2017: Utilization of Mount Kelut Sand as Sand Print Sand in Metal Casting Proces to Improve the Quality of Casting results in Home Industry. Dikti Hibah Competing Number 1114/UN38/ HK/PM/2017 - IDR 53,000,000 (research member) First year</p>		
<p>2018: Utilization of Mount Kelut Sand as Sand Print Sand in Metal</p>			

	<p>Casting Proses to Improve the Quality of Casting results in Home Industry. Dikti Hibah Competing Number 1114/UN38/ HK/PM/2017 - IDR 94,000,000 (research member) Second year</p> <p>2019: Development of carbon fiber reinforced polyester fiber composite E glas for applis in runcations in runner foot prosheses - Applied Research R & D (Saintek) - IDR 50,000,000 (research leader). First year</p>		
Important publications over the last 5 years	Title		Year
	Dzulkiflih, Irfai Arief. Cating modulus optimazation for hardness and microstruucture using kelud mountain sand Volume 17, Number 1,2018,pp. 1-11. International Journal of material engineering and technology		2018
	Abdillah, Dzulkiflih., Low Voltage Series ARC Fault Detecting With Discrete Wavelet Transform 978-1-5386-8066-7/18/\$31.00 ©2018 IEEE		2018
Activities in specialist bodies	Organization	Position	Period
	Physical Society of Indonesia (PSI)	Member	2015 – Now