



UNIVERSITAS PENDIDIKAN INDONESIA
 FACULTY OF MATHEMATICS AND NATURAL SCIENCES EDUCATION
 DEPARTMENT OF PHYSICS EDUCATION
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STAFF HANDBOOK

Name	Wiendartun				
Position	Material Physics (<i>Teaching area and designation</i>)				
Academic career	<i>Initial academic appointment</i>	<i>Institution</i>	<i>Year</i>		
	Associate Professor	Universitas Pendidikan Indonesia	2007		
	<i>Habilitation [German post-doctoral qualification] (Subject)</i>	<i>institution</i>	<i>Year</i>		
	<i>Doctorate (Subject)</i>	<i>Institution</i>	<i>Year</i>		
	Physics	Padjajaran University	2010-2015		
	<i>Master (Subject)</i>	<i>Institution</i>	<i>Year</i>		
Physics	Institut Teknologi Bandung	1992-1994			
<i>Undergraduate degree (subject)</i>	<i>Institution</i>	<i>Year</i>			
Physics Education	IKIP Bandung	1977-1980			
Employment	<i>Position</i>	<i>Employer</i>	<i>Year</i>		
	Chairman of Advanced Laboratory Physics	Dean	2019-2023		
	Lecturer	Dean	1982-Now		
Research and development projects over the last 5 years	<i>Name of project or research focus</i>				
	<i>Period and any other information</i>				
	<i>Partners, if applicable</i>				
	<i>Amount of financing</i>				
				Financing	
	No	Year	Title of Research Project	Sources	Amount (Million Rp)
	1	2020 - 2019	Karakterisasi sintesis polydimethyl siloxane (PDMS) yang tahan terhadap emulsifikasi sebagai cairan pengganti vitreous humour	Penelitian dasar unggulan perguruan tinggi upi (Th II)	238 (2020) 217 (2019)
	2	2018 - 2017	Pengembangan karakteristik listrik keramik berbasis oksida besi titanium (Fe_2TiO_5) dari bahan lokal melalui optimalisasi konsentrasi dan jenis dopan untuk termistor NTC	Ministry of Research and Technology of the Republic of Indonesia	50 (2018) 50 (2017)
	3	2017	Optimasi pada pembuatan keramik termistor NTC berbasis Fe_2TiO_5 dengan doping MnO_2	Ministry of Research and Technology of the Republic of Indonesia	75 (2016)
Industry collaborations over the last 5 years	<i>Project title Partners</i>				
	-				
Patents and proprietary	-				



rights			
Important publications over the last 5 years	<p><i>Selected recent publications from a total of approx. (give total number): 14 Publication (Scopus Indexed) Author(s) Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers</i></p>		
	No	Publication	Author (s)
	1	<p>Sintering Temperatures Investigation on The Electrical Characteristics of Fe₂TiO₅/ MnO₂ Ceramics-based NTC Thermistor <i>Materials Science Forum</i> ISSN: 1662-9752, Vol. 917, pp 74-77 doi:10.4028/www.scientific.net/MSF .917.74 © 2018 Trans Tech Publications, Switzerland land</p>	Wiendartun, Dadi Rusdiana and Andhy Setiawan
	2	<p>Effect of Heat Treatment Condition on The Characteristics of MnO₂added-Fe₂TiO₅ Ceramics for NTC Thermistors using Local Iron Oxide <i>Materials Science Forum</i> ISSN: 1662-9752, Vol. 917, pp 59-63 doi:10.4028/www.scientific.net/MSF .917.59 © 2018 Trans Tech Publications, Switzerland</p>	Wiendartun, Jaenudin Kamal, Dadi Rusdiana, Andhy Setiawan and Dani Gustaman Syarif
	3	<p>Design and Fabrication of Thick Film Dissolved Oxygen Sensor Based on RuO₂ Working Electrodes for Water Quality Monitoring <i>Materials Science Forum</i> ISSN: 1662-9752, Vol. 917, pp 59-63 doi:10.4028/www.scientific.net/MSF .917.59 © 2018 Trans Tech Publications, Switzerland</p>	Goib Wiranto, Slamet Widodo, I Dewa Putu Hermida, Roberth V. Manurung, Gandi Sugandi, Zaenal Arifin and Wiendartun
	4	<p>Study of Purity and Electrical Resistivity of Eu_{1.91}Ce_{0.09}CuO₄ and Eu_{1.84}Ce_{0.16}CuO₄ <i>Key Engineering Materials</i> Submitted: 2019-12-20 ISSN: 1662-9795, Vol. 860, pp 160-164 Revised: 2020-04-04 doi:10.4028/www.scientific.net/KEM.860.160 Accepted: 2020-05-01 © 2020 Trans Tech Publications Ltd, Switzerland <i>Key Engineering Materials</i> Submitted: 2019-12-20 ISSN: 1662-9795, Vol. 860, pp 160-164 Revised: 2020-04-04 doi:10.4028/www.scientific.net/KEM.860.160 Accepted: 2020-05-01 © 2020 Trans Tech Publications Ltd, Switzerland</p>	Yuyu Rachmat Tayubi, Yati Maryati, Nuraeni Nafisah, Diba Grace Aulia, Eka Nurwati, Tiara Amalia, Muhammad Abdan Syakuur, Wiendartun, Selly Feranie, Togar Saragi and Risdiana
	5	<p><i>The Effect of MnO₂ Content and Sintering Atmosphere on The Electrical Properties of Iron Titanium Oxide NTC Thermistors using Yarosite</i> MSCEIS IOP Publishing IOP Conf. Series: Journal of Physics: Conf. Series 812 (2017) 012120 doi:10.1088/1742-</p>	Wiendartun, and Dani Gustaman Syarif



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	6596/812/1/012120		
Activities in specialist bodies over the last 5 years	Organization	Role	Periods
	Physical Society of Indonesia	Member	2015 - Now
	Materials Research Society of Indonesia (MRS-id)	Member	2015 - Now
	* <i>Membership without a specific role need not be mentioned</i>		