



STAFF HANDBOOK

Name	Winnie Liliawati			
Position	Physics Education			
Academic career	<i>Initial academic appointment</i>	<i>Institution</i>	<i>Year</i>	
		Associate Professor, Department of Physics Education of Universitas Pendidikan Indonesia	2015-Now	
	<i>Habilitation [German post-doctoral qualification] (Subject)</i>	<i>institution</i>	<i>Year</i>	
	<i>Doctorate (Subject)</i>	<i>Institution</i>	<i>Year</i>	
		Universitas Pendidikan Indonesia	2009-2013	
	<i>Master degree (subject)</i>	<i>Institution</i>	<i>Year</i>	
		Institut Teknologi Bandung	2003-2006	
	<i>Undergraduate degree (subject)</i>	<i>Institution</i>	<i>Year</i>	
		Universitas Pendidikan Indonesia	1996-2001	
Employment	<i>Position</i>	<i>Employer</i>	<i>Year</i>	
	Secretary of Department of Physics Education	Dean	2019-2023	
	Lecturer	Dean	2001-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	
			Sources	Amount (Million Rp)
1	2015 - 2017	Penyusunan Bahan Ajar Ilmu Pengetahuan Bumi dan Antariksa (IPBA) Terintegrasi yang Mengakomodasi Kecerdasan Majemuk Berorientasi Penguasaan Konsep dan Penanaman Nilai-nilai Karakter Siswa SMP	Ministry of Research and Technology of the Republic of Indonesia	50 (2015) 60 (2016) 94.5 (2017)
2	2015 - 2016	Penyusunan Tes Dilema Moral Mengenai Isu-Isu Sains untuk Mengembangkan Model Pembelajaran IPA Terpadu berbasis Pendidikan Karakter Siswa SMP	Ministry of Research and Technology of the Republic of Indonesia	50 (2015) 60 (2016)
3	2017	Desain Didaktik Pengajaran Matematika berbasis Feomena Sains untuk melatih keterampilan abad 21 siswa di Sekolah Menengah	Ministry of Research and Technology of the Republic of Indonesia	135 (2019)



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	4	2018 - 2020	Penyusunan Bahan Ajar Ilmu Pengetahuan Bumi dan Antariksa (IPBA) Berbasis Web untuk Mengakomodasi Kecerdasan Majemuk, Meningkatkan Penguasaan Konsep dan Penanaman Nilai-nilai Karakter Siswa	Ministry of Research and Technology of the Republic of Indonesia	142.9 (2018) 94 (2019) 135 (2020)
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>				
Patents and proprietary rights	No.	Title		Type	Year
	1	Buku: IPBA Terintegrasi yang Mengakomodasi Kecerdasan Majemuk berorientasi Penguasaan Konsep dan Penanaman Karakter Tema Gerak Benda Langit		Proprietary rights	2015
	2	Alat Peraga: Gerak Semu Harian dan Tahunan Matahari		Proprietary rights	2017
	3	Buku Pelindung Bumi (Buku Pengayaan IPBA untuk SMP/Sederajat)		Proprietary rights	2017
	4	Buku: Mengenal Bumi (Buku Pengayaan Untuk SMP Dan Sederajat)		Proprietary rights	2019
	5	Program Komputer: Aplikasi Web Sebagai Bahan Ajar Yang Berorientasi Kecerdasan Majemuk dan Pendidikan Karakter Pada Materi Pemanasan Global		Proprietary rights	2019
	6	Program Komputer: Bahan Ajar Web Materi Gerak dan Posisi Benda Langit berorientasi Kecerdasan Majemuk dan Aktualisasi Nilai-nilai Karakter untuk Siswa SMP		Proprietary rights	2019
	7	Program Komputer: Bahan Ajar Web Materi Pelindung Bumi berorientasi Kecerdasan Majemuk dan Penanaman Karakter untuk Siswa SMP		Proprietary rights	2019
	8	Panduan Penggunaan Teleskop Astronomi 900114EQ		Proprietary rights	2019
	9	Program Komputer: <i>Smart Teaching Materials Oriented Multiple Intelligences on Global Warming</i>		Proprietary rights	2020
	10	Buku Panduan: Penyusunan Soal "Hots" Untuk Guru IPA Sekolah Menengah Pertama		Proprietary rights	2020
Important publications over the last 5 years	<i>Selected recent publications from a total of approx. (give total number): 9 Publications</i> <i>Author(s)</i> <i>Title</i> <i>Any other information</i> <i>Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers</i>				
	No	Publication		Author (s)	
	1	Model Pembelajaran Two Stay Two Stray (TSTS) Dan Pemahaman Siswa Tentang Konsep Momentum Dan		Asep Dedy Sutrisno, Achmad Samsudin, Winny	



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		Impuls. Jurnal Pengajaran MIPA, Volume 20, Nomor 1, April 2015, hlm. 38-42	Liliawati , Ida Kaniawati, dan Endi Suhendi	
	2	Susan Loucks-Horsley learning model in light pollution theme: based on a new taxonomy for science education. 2016 Journal of Physics: Conference Series, Volume 739, Number 1	W Liliawati , J A Utama and H Fauziah	
	3	The Workshop Program on Authentic Assessment for Science Teachers. 2017 Journal of Physics: Conference Series, Volume 812, Number 1	N Y Rustaman, D Rusdiana, R Efendi and W Liliawati	
	4	Teaching Science Process Skills by Using the 5-Stage Learning Cycle in Junior High School. 2017. Journal of Physics: Conference Series, Volume 895,	E S Safaah, M Muslim and W Liliawati	
	5	The validity of the earth and space science learning materials with orientation on multiple intelligences and character education. IOP Conf. Series: Journal of Physics: Conf. Series 983 (2018) 012037	W Liliawati , J A Utama, T R Ramalis and A A Rochman	
	6	The Effectiveness of learning materials based on multiple intelligence on the understanding of global warming. IOP Conf. Series: Journal of Physics: Conf. Series 1013 (2018) 012049	W Liliawati , Purwanto, A Zulfikar and R N Kamal	
	7	Desain Bahan Ajar Fisika Dalam Jaringan (Daring) Berorientasi Pendidikan Karakter Untuk Siswa SMA. Jurnal Inovasi dan Pembelajaran Fisika, Volume 6, No. 2, November 2019, hal. 113-121	Winny Liliawati , Taufik Ramlan, Judhistira Aria Utama, dan Annida Melia Z	
	8	Pengaturan Diri Peserta Didik SMA Terhadap Prestasi Akademik Pada Materi Usaha Dan Energi. Jurnal Pendidikan Fisika 8 (2), 126-137 vol: issue : 2020	SK Fatimah, R Efendi, W Liliawati	
	9	Pengujian Kemampuan Menginterpretasikan Grafik Kinematika Calon Guru Fisika: The Polytomous Rasch Analysis. ORBITA: Jurnal Kajian, Inovasi dan Aplikasi Pendidikan Fisika 6 (2), 259-266 vol: issue : 2020	U Purwana, D Rusdiana, W Liliawati	
Activities in specialist bodies over the last 5 years	Organization		Role	Periods
	Physical Society of Indonesia		Member	2015 - Now
* Membership without a specific role need not be mentioned				