



STAFF HANDBOOK

Name	Feri Apryandi, S.Pd., M.Si.			
Position	Physics (<i>Space and High Energy Physics</i>)			
Academic Career	<i>Initial academic appointment</i>	<i>Institution</i>	<i>Year</i>	
	Lecturer	Universitas Pendidikan Indonesia	2024 – now	
	<i>Habilitation (Post-doctoral)</i>	<i>Institution</i>	<i>Year</i>	
	<i>Doctorate</i>	<i>Institution</i>	<i>Year</i>	
	<i>Professional education</i>	<i>Institution</i>	<i>Year</i>	
	Teacher Certification	Universitas Muhammadiyah Prof. Dr. Hamka	2022 – 2023	
	<i>Master</i>	<i>Institution</i>	<i>Year</i>	
Physics	Universitas Indonesia	2019 – 2021		
<i>Undergraduate degree</i>	<i>Institution</i>	<i>Year</i>		
Physics Education	Universitas Pendidikan Indonesia	2012 – 2016		
Employment	<i>Position</i>	<i>Employer</i>	<i>Year</i>	
	Lecturer	Dean	2024 – now	
Research and development projects over the last 5 years	Name of project or research focus			
	Period and any other information			
	Partners, if applicable			
	Amount of financing			
	No	Year	Title of Research Project	Financing
				Sources
				Amount (Million Rp)
1	2025	Pengembangan <i>Adaptive-Differentiated Electronic Learning (ADEL)</i> Pada Pembelajaran Astronomi untuk Mendukung Keterampilan Berpikir Tingkat Tinggi Calon Guru	Kemdiktisainstek	130.000.000
2	2025	Workshop Perakitan Drone-Kit dengan Framework STEM untuk Peningkatan Keterampilan Abad-21 Bagi Guru SMAN 4 Cimahi	Kemdiktisainstek	36.250.000
3	2025	Peningkatan Kualitas Pembelajaran Sains di Bandung Raya Melalui Astronomi Untuk Mendukung Sasaran Pembangunan Berkelanjutan Melalui Pendidikan Berkualitas (<i>Quality Education</i>)	FPMIPA UPI	12.500.000
4	2025	<i>IoT-Land Monitoring</i> : Sistem Pemantauan Kondisi Tanah Dan Iklim Mikro Berbasis IoT Untuk Optimalisasi Produksi Biji Kopi Di Kabupaten Garut	DIPUU UPI	100.000.000
5	2025	Rancang Bangun Sistem Pemantauan Kualitas Langit Malam dan Kualitas Udara Berbasis IoT Menggunakan Sensor TSL2591 dan MQ135	LPPM UPI	7.000.000
6	2024	<i>Galaxy Clusters with Modified Gravity</i>	Independent	500.000
Industry collaborations	Project title partners			



over the last 5 years	Pembuatan buku referensi Pengantar Fisika Dasar dengan industri Gita Lentera. (2023) Proyek hilirisasi bersama mitra Koperasi Sari Buah Kopi (2025).			
Patents and proprietary rights	No	Title	Type	Year
	1	Pembuatan Buku Referensi Pengantar Fisika Dasar	Hak Cipta, Buku Referensi	2023
	2			
Important publications over the last 5 years	<i>Selected recent publications from a total of approx. (give total number): 24 Publication (Scopus Indexed) Author(s)</i> Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers			
	No	Publication	Author (s)	
	1.	<i>Hydrostatic mass of galaxy clusters within some theories of gravity.</i>	Feri Apryandi, M Lawrence Pattersons	
	2.	<i>Comparison of the Effectiveness of Manual and Machine Spray Equipment in Applying Bernouli's Principle: A Study Among Cikole Farmers.</i>	Feri Apryandi, Aulia Shinta Pratama, Najwa Khairun Nisa, Refy Hidayanti, Reva Nur Azizah	
	3.	Pembelajaran Fisika Untuk Menanamkan Karakter Islami Di International Islamic School (Studi Etnografi Terhadap Guru Fisika)	Feri Apryandi, Muhib Rosyidi	
	4.	<i>The signature of the quadratic generalized uncertainty principle on the newtonian gravity and galaxy mass profile</i>	Feri Apryandi, Idrus Husin Belfaqih, Anto Sulaksono	
	5.	Pelatihan Pembuatan <i>Eco-Enzyme</i> di Kelurahan Pinang Ranti Untuk Memanfaatkan Sampah Kulit Jeruk	Ade Tri Yulyanti, Ovidiantika Khairunnisa, Feri Apryandi, Aninda Adhiguna, Dinda Permata Sari, Lenny Apriyanti, Nur Hikmah Rahayu, Yosi Karuniawan, Tri Isti Hartini	
	6.	Dampak GUP dan Teori Gravitasi EiBI dan BHG pada Objek di Gugus Galaksi	Feri Apryandi, Anto Sulaksono	
Activities in specialist bodies over the last 5 years	Organization	Role	Periods	
	Proyek Kepemimpinan, pelatihan pembuatan <i>Eco-Enzyme</i>	Head	2023	
	Seminar SIP LPDP dan HIMMPAS UI	Member	2020	
	Staf Divisi Akademik & Minat-Bakat LPDP UI 7.0	Staff	2020 - 2021	