

Staff Handbook

Name	Kuntum Febriyantiningrum, S.Si., M.Sc.		
Post	Teaching Staff in Biology Aquatic Ecology and Conservation		
Academic career	Teaching staff	Dept. of Biology Education, Universitas Negeri Yogyakarta	2023-now
	Master Degree (Master of Science)	Faculty of Biology, Universitas Gadjah Mada	2011-2013
	Bachelor Degree (Biology)	Dept. of Biology Education, Universitas Negeri Malang	2007-2011
Employment	Position	Employer	Period
	Teaching staff	Ministry of Higher Education, Science, and Technology, Republic of Indonesia	2023- now
Research and development projects over the last 5 years	Year	Topic	Funding
			Source Ammount (Rp.)
	Research Experiences		
	2025	Inovasi pengembangan alat monitoring satwa liar berbasis AI EINSBAT V.2 (ECOFRIENDLY SMART BAT POPULATION DETECTOR) sebagai upaya konseservasi kelelawar gua di Indonesia Innovative development of AI-based wildlife monitoring tool EINSBAT V.2 (ECOFRIENDLY SMART BAT POPULATION DETECTOR) as an effort to conserve cave bats in Indonesia	UNY 24.000.000
	2025	Bioassessment Ekosistem Mangrove di Area Riparian Muara Sungai di Kabupaten Kulon Progo Dalam Urgensi Konservasi Wilayah Pesisir Bioassessment of Mangrove Ecosystems in Riparian Areas of River Estuaries in Kulon Progo Regency in the Urgency of Coastal Area Conservation	Kemendik tisaintek 55.700.000
	2024	Biodiversitas Di Kawasan Geopark Gunung Sewu Sebagai Salah Satu Pilar Mencapai	UNY 24.000.000

		Sustainable Development Goals (SDGs) <i>Biodiversity in the Gunung Sewu Geopark Area as One of the Pillars of Achieving Sustainable Development Goals (SDGs)</i>		
	2024	Konseptualisasi Kurikulum Sains-Biologi Untuk Education For Sustainable Consumption and Production <i>Conceptualization of Science-Biology Curriculum for Education For Sustainable Consumption and Production</i>	UNY	45.000.000
	2023	Produksi Biourine sebagai Pupuk Organik Ramah Lingkungan di Kabupaten Tuban <i>Production of Biourine as an Environmentally Friendly Organic Fertilizer in Tuban District</i>	Kemdiktis aintek	17.900.000
	Community Services Experiences			
	2025	Pelatihan Pembuatan Souvenir Wisata Berbahan Alam di Geosite Ngingrong Kabupaten Gunungkidul <i>TRAINING ON MAKING TOURIST SOUVENIRS MADE FROM NATURE AT NGINGRONG GEOSITE, GUNUNGKIDUL DISTRICT</i>	UNY	8.000.000
	2025	Pendampingan Pengelolaan Ekoeduwisata Sebagai Pengembangan Destinasi Wisata Bukit Cubung Kapanewon Lendah Kabupaten Kulon Progo <i>Eco-tourism Management Assistance as a Tourism Destination Development of Cubung Hill Kapanewon Lendah Kulon Progo Regency</i>	UNY	20.000.000
	2024	Workshop Identifikasi Potensi Hazard Bahan Pangan sebagai Upaya Menunjang SDGs Kehidupan Sehat dan Sejahtera <i>Workshop on Identifying Food Hazard Potential to Support the SDGs for Good Health and Well-Being</i>	UNY	25.000.000
	2024	Optimalisasi Program Sekolah Lingkungan Sehat melalui Implementasi Pendidikan Lingkungan Hidup	UNY	38.750.000

		Optimizing the Healthy Environment School Program through the Implementation of Environmental Education												
	2024	Pemberdayaan Kelompok Wanita Tani Ngudi Mulyo Siliran Kapanewon Galur Kabupaten Kulon Progo Melalui Pengelolaan Lingkungan Terpadu Empowerment of Ngudi Mulyo Siliran Women Farmers Group Kapanewon Galur Kulon Progo Regency Through Integrated Environmental Management	Kemendik tisaintek	43.125.000										
	2024	Pendampingan Pengembangan Ekoeduwisata Berbasis Geopark di Kabupaten Gunung Kidul, Daerah Istimewa Yogyakarta Assistance for Geopark-Based Eco-tourism Development in Gunung Kidul Regency, Yogyakarta Special Region	UNY	8.000.000										
	2023	Peningkatan Kapasitas Guru MIN se-Daerah Istimewa Yogyakarta dalam Bidang IPA untuk Persiapan Olimpiade Sains Nasional Capacity Building for MIN Teachers across Yogyakarta Special Region in Science Education for National Science Olympiad Preparation	UNY	8.000.000										
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>													
Patents and proprietary rights	<table><tr><td><i>Tittle</i></td><td><i>Year</i></td></tr><tr><td>1. OCEALITY: Marine Interactive Book Based on Augmented Reality (AR)</td><td>2024</td></tr><tr><td>2. E-Module: Environmental Education for Elementary School</td><td>2024</td></tr><tr><td>3. Video Test for Chemical Contaminants in Foodstuffs</td><td>2024</td></tr><tr><td>4. Video of PkM Activities to Empower Ngudi Mulyo Siliran Farmer Women Group Kapanewon Galur, Kulon Progo Regency through</td><td>2024</td></tr></table>				<i>Tittle</i>	<i>Year</i>	1. OCEALITY: Marine Interactive Book Based on Augmented Reality (AR)	2024	2. E-Module: Environmental Education for Elementary School	2024	3. Video Test for Chemical Contaminants in Foodstuffs	2024	4. Video of PkM Activities to Empower Ngudi Mulyo Siliran Farmer Women Group Kapanewon Galur, Kulon Progo Regency through	2024
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	<i>Integrated Environmental Management.</i> 5. <i>BIOURINE MAKING PROCESS WITH Mimosa pudica root as a natural decomposers</i> 2024 6. <i>Research Report on Inter-University Cooperation (PKPT)-Technical Soil Engineering of Former Limestone Mine Land in Tuban Regency with Organic-Based Terracing Modification Technology System First Year</i> 2022 7. <i>Log Book of First Year PKPT Research - Soil Engineering of Former Limestone Mine Land in Tuban Regency with Organic-Based Terracing Modification Technology System</i> 2021						
Important publications over the last 5 years	<i>Selected recent publications from a total of approx. (give total number): 22</i> <i>Author(s): Kuntum Febriyantiningrum, Sriwulan, Nia Nurfitria</i> <i>Title: Characterization of Rhizosphere Bacteria of Princess Malu (Mimosa pudica) with Potential as Decomposer in Biourin Making</i> <i>Bioscientist: Jurnal Ilmiah Biologi 11 (2), 1239-1245</i>						
Activities in specialist bodies over the last 5 years	<table><tr><td><i>Organisation</i></td><td><i>Role</i></td><td><i>Period</i></td></tr><tr><td><i>Himpunan Pendidik dan Peneliti Biologi Indonesia (HPPBI)</i></td><td><i>Member</i></td><td><i>2022-2025</i></td></tr></table>	<i>Organisation</i>	<i>Role</i>	<i>Period</i>	<i>Himpunan Pendidik dan Peneliti Biologi Indonesia (HPPBI)</i>	<i>Member</i>	<i>2022-2025</i>
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