

Staff Handbook

Name	Prof. Dr. Abadi, M.Sc				
Position	Professor in Applied Mathematics				
Academic Career	Academic Appointment		Institution	Year	
	Undergraduate		IKIP Surabaya	1984 – 1990	
	Lecturer		IKIP Surabaya	1991	
	Master		University of Queensland	1995 – 1997	
	Doctorate		Universiteit Utrecht	1998 – 2003	
	Course		Place	Period	
Postgraduate Diploma		University of Queensland	1994 – 1995		
Employment	No	Position	Employer	Period	
	1	Secretary of Mathematics Department	Universitas Negeri Surabaya	2008 – 2012	
	2	Head of Mathematics Department	Universitas Negeri Surabaya	2012 – 2017	
	3	Deputy Director of Graduate School	Universitas Negeri Surabaya	2017 – 2019	
Research and development projects over the last 5 years	No	Name of project	Period	Partners	Amount of Financing
	1	Analisis Dinamik dan Bifurkasi pada Model Ekologi dengan mempertimbangkan komponen biotik dan abiotik yang berpotensi mempengaruhi konservasi biodiversitas ekosistem	2025	Dr. Dian Savitri, M.Si. Dr. Ahmadin S.Si., M.Si.	IDR 103.450.000
	2	Predasi Intraguild Model Ekologi dalam Konservasi Sumber Daya Alam dengan Daya Dukung Lingkungan Tidak Konstan	2024	Dr. Dian Savitri, M.Si. Dr. Sunu Kuntjoro, S.Si., M.Si.	IDR 100.140.000
	3	Analisis Potensi Keanekaragaman Hayati dan Perilaku Dinamik Model Pengendalian Predator dengan Pendekatan Berbasis Ekosistem	2024	Dr. Dian Savitri, M.Si. Riska Wahyu Romadhonia, S.Si., M.Sc.	IDR 123.890.000
Industry collaboration over last 5 years					

Patents and proprietary rights	No			Title			Year		
	1			Mathematical Modeling Training Instrument for Mathematics Teachers			2023		
	2			Mathematical Modeling Ability Measurement Instrument			2023		
Important publications over last 5 years	Total number: 30								
	1. Abadi, D. Savitri, F. Adi-Kusumo, The dynamics in an intraguild prey-predator model with Holling type III functional response, Journal of Mathematics and Computer Science, 36 (2025), no. 2, 175-184 2. Arrifadah, Y., Abadi, & Sulaiman, R. (2025). Collective argumentation in defining and classifying parallelograms. In <i>AIP Conference Proceedings</i> (Vol. 3293, No. 1, p. 040004). AIP Publishing LLC.								
Activities in specialist bodies over the last 5 years									
	Organisation			Position			Period		
	Indo-MS			Vice Governor of East Java			2014-2016		
				Governor of East Java			2016-2018		
Member				2018-2020					
EMS			Member			2016			