

STAFF HANDBOOK



Name:	Dr. Abadi, M.Sc																													
Position:	Associate Professor in Applied Mathematics																													
Academic Career:	<table><tr><td>Career</td><td>Expertise</td><td>University</td><td colspan="2">Year</td></tr><tr><td>Undergraduate</td><td>Mathematics Education</td><td>IKIP Surabaya</td><td colspan="2">1984 – 1990</td></tr><tr><td>Lecturer</td><td>Mathematics Education</td><td>IKIP Surabaya</td><td colspan="2">1991</td></tr><tr><td>Master</td><td>Mathematics</td><td>University of Queensland</td><td colspan="2">1995 – 1997</td></tr><tr><td>Doctorate</td><td>Applied Mathematics</td><td>Universiteit Utrecht</td><td colspan="2">1998 – 2003</td></tr></table>					Career	Expertise	University	Year		Undergraduate	Mathematics Education	IKIP Surabaya	1984 – 1990		Lecturer	Mathematics Education	IKIP Surabaya	1991		Master	Mathematics	University of Queensland	1995 – 1997		Doctorate	Applied Mathematics	Universiteit Utrecht	1998 – 2003	
	Career	Expertise	University	Year																										
	Undergraduate	Mathematics Education	IKIP Surabaya	1984 – 1990																										
	Lecturer	Mathematics Education	IKIP Surabaya	1991																										
	Master	Mathematics	University of Queensland	1995 – 1997																										
	Doctorate	Applied Mathematics	Universiteit Utrecht	1998 – 2003																										
	<table><tr><td>Course</td><td>Topic</td><td>Place</td><td colspan="2">Period</td></tr><tr><td>Postgraduate Diploma</td><td>Mathematics</td><td>University of Queensland</td><td colspan="2">1994 – 1995</td></tr></table>					Course	Topic	Place	Period		Postgraduate Diploma	Mathematics	University of Queensland	1994 – 1995																
Course	Topic	Place	Period																											
Postgraduate Diploma	Mathematics	University of Queensland	1994 – 1995																											
Employment	<table><tr><td colspan="2">Position</td><td>Employer</td><td colspan="2">Period</td></tr><tr><td colspan="2">Secretary of Mathematics Department</td><td>Universitas Negeri Surabaya</td><td colspan="2">2008 – 2012</td></tr><tr><td colspan="2">Head of Mathematics Department</td><td>Universitas Negeri Surabaya</td><td colspan="2">2012 – 2017</td></tr><tr><td colspan="2">Deputy Director of Graduate School</td><td>Universitas Negeri Surabaya</td><td colspan="2">2017 – 2019</td></tr></table>					Position		Employer	Period		Secretary of Mathematics Department		Universitas Negeri Surabaya	2008 – 2012		Head of Mathematics Department		Universitas Negeri Surabaya	2012 – 2017		Deputy Director of Graduate School		Universitas Negeri Surabaya	2017 – 2019						
	Position		Employer	Period																										
	Secretary of Mathematics Department		Universitas Negeri Surabaya	2008 – 2012																										
	Head of Mathematics Department		Universitas Negeri Surabaya	2012 – 2017																										
	Deputy Director of Graduate School		Universitas Negeri Surabaya	2017 – 2019																										
Research and development projects over the last 5 years	<table><tr><td>No</td><td>Name of project</td><td>Period</td><td>Partners</td><td>Amount (Rp)</td></tr><tr><td>1</td><td>Pengembangan Prototipe Paket Pengalaman Belajar Berbasis Pedagogical Contextual and Authentic Tasks (PCAT) di FMIPA Unesa</td><td>2015-2016</td><td>Prof. Dr. Muslimin Ibrahim, M.Pd</td><td>150.000.000</td></tr><tr><td>2</td><td>Penelitian dan Pengembangan Strategi Pembelajaran</td><td>2016</td><td></td><td>50.000.000</td></tr></table>					No	Name of project	Period	Partners	Amount (Rp)	1	Pengembangan Prototipe Paket Pengalaman Belajar Berbasis Pedagogical Contextual and Authentic Tasks (PCAT) di FMIPA Unesa	2015-2016	Prof. Dr. Muslimin Ibrahim, M.Pd	150.000.000	2	Penelitian dan Pengembangan Strategi Pembelajaran	2016		50.000.000										
	No	Name of project	Period	Partners	Amount (Rp)																									
	1	Pengembangan Prototipe Paket Pengalaman Belajar Berbasis Pedagogical Contextual and Authentic Tasks (PCAT) di FMIPA Unesa	2015-2016	Prof. Dr. Muslimin Ibrahim, M.Pd	150.000.000																									
2	Penelitian dan Pengembangan Strategi Pembelajaran	2016		50.000.000																										

		untuk Mengembangkan Kemandirian Belajar Mahasiswa dalam Era Pembelajaran Socio Constructivism.			
	3	Sikap Positif Dan Pendidikan Sikap Positif Pada Jalur Pendidikan Formal FMIPA Unesa Dan Sekoah Menengah	2016		40.000.000
	4	Pengaruh Anti predator pada Sistem Predator Prey dengan Respon Fungsional	2017		60.000.000
	6	Perilaku Dinamik Model Predator Prey pada Interaksi Antara Dua Prey dan Satu Predator	2018		50.000.000
	7	Analisis Dinamik Model Prey - Predator – Super Predator Dengan Adanya Kompetisi Pada Predator	2019		100.000.000
	8	Analisis Matematis Model Penyebaran Penyakit Campak Rubella (Measles Rubella)	2019		113.000.000
Industry collaboration over last 5 years					
Patents and proprietary rights					
Important publications over last 5 years	1	Authors	Abadi		
		Title	Developing Students' Conceptual Understanding On The Concept Of Integral Through Its Historical Aspects		
		Publisher, place of publications, volum, issue, page number	Proceeding of The 3rd SEA-DR, Palembang, 2015		
	2	Authors	Aan Hendroanto, I Ketut Budayasa, Abadi , Frans van Galen, Dolly van Eerde		
		Title	Supporting Students' Spatial Ability In Understanding Three-Dimensional Representations		

		Publisher, place of publications, volum, issue, page number	Proceeding of The 3rd SEA-DR, Palembang, 2015
	3	Authors	Abadi , Dian Savitri
		Title	Stability analysis of three species food chain with competition
		Publisher, place of publications, volum, issue, page number	AIP-Conference Proceedings 1651, vol 18, 2015
	4	Authors	Dian Savitri, Abadi
		Title	Stability analysis and numerical simulation of 1 prey – 2 predator system
		Publisher, place of publications, volum, issue, page number	AIP-Conference Proceedings 1651, vol 18, 2015
	5	Authors	Abadi , Shoffan Fiangga
		Title	Using historical perspective in designing discovery learning on Integral for undergraduate students
		Publisher, place of publications, volum, issue, page number	IOP Conf. Series: Materials Science and Engineering 296, 2018
	6	Authors	Muslimin Ibrahim, Abadi
		Title	Cultivating characters (moral value) through internalization strategy in science classroom
		Publisher, place of publications, volum, issue, page number	IOP Conf. Series: Materials Science and Engineering 296, 2018
	7	Authors	Abadi , Rooselyna Ekawati
		Title	Redesigning Preservice Mathematics Teacher's Lesson Plan By Using Productive Pedagogies Framework
		Publisher, place of publications, volum, issue, page number	Journal of Engineering Science and Technology Vol. 13, No. 5 (2018) 1376 - 1383
	8	Authors	Eko Hariyono, Abadi , Liliarsari, Agus Fani Candra Wijaya, and Hiroki Fujii
		Title	Designing Geoscience Learning for Sustainable Development: A Professional Competency Assessment for Postgraduate Students in Science Education Program
		Publisher, place of publications, volum, issue, page number	Jurnal Penelitian Fisika dan Aplikasinya (JPFA) Volume 8, Issue 2, December 2018, pp 61-70
	9	Authors	Abadi , Dini K. Fardah

	Title	Students' activities for understanding function shifting by using GeoGebra
	Publisher, place of publications, volum, issue, page number	IOP Conf. Series: Journal of Physics (2018): Conf. Series 1108
Activities in specialist bodies over the last 5 years		
	Organisation	Position
	Indo-MS	2014-2016
		2016-2018
		2018-2020
	EMS	Member

Surabaya, December 10th 2021

Abadi