



UNIVERSITAS GADJAH MADA

Faculty of Mathematics and Natural Sciences

Department of Mathematics

Sekip Utara Bulaksumur Yogyakarta 55281 Telp: +62 274 552243 Fax: +62 274 555131 Email: math@ugm.ac.id Website: <http://math.fmipa.ugm.ac.id>

STAFF HANDBOOK

Name	Lina Aryati		
Post	Applied Mathematics		
Academic Career		Institution	Year
	Initial Academic Appointment	Universitas Gadjah Mada	1989
	Post Doctoral	-	-
	Doctoral Degree	University of Graz	2000
	Master Degree	ITB	1992
	Undergraduate Degree	Universitas Gadjah Mada	1988
Employment		Employer	Period
	Instructor	Universitas Gadjah Mada	01-08-1998-01-05-2002
	Assistant Professor	Universitas Gadjah Mada	01-05-2002-01-04-2007
	Associate Professor	Universitas Gadjah Mada	01-04-2007-
	Full Professor	-	-
Research and development projects over the last 5 years	<p>1. Name of project : Peran Pemodelan Matematika dalam Prognosis Kanker. Period : 2016-2018 Partner : Dr. Fajar Adi Kusumo, M. Si. Dr. Mardiah Suci H, Ph. D., Sp.PD. Dr. Tri Sri Noor Asih, M. Si. Amount of financing : 2016 = Rp.210.000.000,- 2017 = Rp.400.000.000,- 2018 = Rp.150.000.000,-</p> <p>2. Name of project : Penelitian Pemandatan dengan topik Model reaksi-difusi Covid-19 SIHRS dengan vaksinasi. Period : 2023 Partner : Dr. Fajar Adi Kusumo, M. Si. Dr. Noorma Yulia Megawati, M. Sc.; M.Act.Sc. Amount of financing : Rp.30.000.000,-</p>		
Industry collaborations	Project title :-		



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over the last 5 years	Partners:-		
Patents and proprietary rights	Title		Year
	-		-
Important publications over the last 5 years	Selected recent publications form a total of approx.: 26		
	1. Eminugroho Ratna Sari, Fajar Adi-Kusumo, Lina Aryati, Mathematical analysis of a SIPC age-structured model of cervical cancer, <i>Mathematical Biosciences and Engineering (MBE)</i> , 19(6): 6013–6039, 2022. DOI: 10.3934/mbe.2022281.		
	2. Nikenasih Binatari, Fajar Adi-Kusumo, Lina Aryati, Stability Regions and Bifurcation Analysis of a Delayed Predator-Prey Model Caused from Gestation Period, <i>International Journal of Differential Equations</i> , vol. 2022, Article ID 3711158, 10 pages, 2022.		
	3. Sulasri Suddin, Fajar Adi-Kusumo, Lina Aryati, Gunardi, Reaction-Diffusion on a Spatial Mathematical Model of Cancer Immunotherapy with Effector Cells and IL-2 Compounds' Interactions, <i>International Journal of Differential Equations</i> , Volume 2021, Article ID 5535447, 10 pages, 2021.		
	4. Sutrima, Christiana Rini Indrati, Lina Aryati, Strongly continuous quasi semigroups in optimal control problems for non-autonomous systems, <i>Asian-European Journal of Mathematics</i> , Vol. 14, No. 7 (2021) 2150123 (13 pages), 2021.		
Activities in specialist bodies over the last 5 years (Membership without a specific role need not be mentioned)	Organization	Role	Period
	-	-	-