



UNIVERSITAS GADJAH MADA

Faculty of Mathematics and Natural Sciences

Mathematics Department

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STAFF HANDBOOK

Name	Dr. Irwan Endrayanto Aluicius, S.Si., M.Sc.		
Position	Mathematics		
Academic Career		Institution	Year
	Initial Academic Appointment	Universitas Gadjah Mada	1996
	Post Doctoral		
	Doctoral Degree	Universiteit Twente, the Netherlands	2013
	Master Degree	Universiteit Twente, the Netherlands	2000
	Undergraduate Degree	Universitas Gadjah Mada	1996
Employment		Employer	Period
	Teaching Assistant	Univesitas Gadjah Mada	1996-2010
	Instructor	Univesitas Gadjah Mada	2011-current
	Assistant Professor		
	Associate Professor		
	Full Professor		
Research and development projects over the last 5 years	<p>1. Name of Project: IMPROVING HEALTH CARE OPERATIONS VIA OPTIMAL RESOUCE ALLOCATION AND LOGISTIC DESIGN</p> <p>Research Focus: Health Care Optimisation</p> <p>Partners:</p> <ul style="list-style-type: none"> • Health Case Magister Management of Faculty of Medicine, Universitas Gadjah Mada • Centre for Healthcare Operations Improvement and Research (CHOIR), University of Twente <p>Amount of financing: 554.000.000 rupiah (42.500 USD)</p> <p>Period: 2014 – now</p>		

Industry collaborations over the last 5 years			
Patents and proprietary rights	Title		Year
Important publications over the last 5 years	Selected recent publications 7 publications in the last 5 years, form a total of approx.: 15 publications since 2002		
	<ol style="list-style-type: none"> 1. Syarifah Inayati, Irwan Endrayanto, <i>Optimization of the toll charges by using an effective algorithm: The case in Semarang traffic network</i>, THE 2016 CONFERENCE ON FUNDAMENTAL AND APPLIED SCIENCE FOR ADVANCED TECHNOLOGY (CONFAST 2016): Proceeding of ConFAST 2016 Conference Series: International Conference on Physics and Applied Physics Research (ICPR 2016), International Conference on Industrial Biology (ICIBio 2016), and International Conference on Information System and Applied Mathematics (ICIAMath 2016) 2. 		
Activities in specialist bodies over the last 5 years <i>(Membership without a specific role need not be mentioned)</i>	Organization	Role	Period
	IndoMS	Database & Website Division	2012-2014, 2014-2016