



MINISTRY OF EDUCATION AND CULTURE
UNIVERSITAS NEGERI SURABAYA

FACULTY OF MATHEMATICS AND NATURAL SCIENCE
DEPARTEMEN OF MATHEMATICS

Kampus Ketintang, Jalan Ketintang, Gedung C8, Surabaya 60231
<http://matematika.fmipa.unesa.ac.id/>

STAFF HANDBOOK



Name :	Prof. I Ketut Budayasa, PhD.		
Position:	Professor in Mathematics		
Academic Career:	Degree	Expertise	Institution
	Undergraduate Degree	Mathematics Education	Universitas Negeri Surabaya
	Doctoral Degree	Mathematics	Curtin University of Technology
			Year
			Graduated in 1986
			Graduated in 1992
Employment	Position	Employer	Period
	Secretary of magister and doctoral programs of mathematics education	Pascasarjana Unesa	1999-2002
	Head of magister and doctoral programs of mathematics education	Pascasarjana unesa	2002- 2008
	Director of pascasarjana unesa	Pascasarjana unesa	2008-2017
Research and development	No	Name of project	Period
	1	DRPM	2020
			Amount
			265,660 juta



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projects over the last 5 years	2	DRPM	2019	266,382 Juta
	3	PUPT	2017	175 Juta
	4	PUPT	2016	225 Juta
	5	PUPT	2015	107,5 Juta
	6	DIPA Penelitian Fundamental	2014	58 juta
	7	DP2M Dikti	2010	30 juta
	8	Stranas	2010	65 juta
	Industry collaboration over last 5 years			
Patents and proprietary rights	Copyright of several books: 1. <i>Matematika Diskrit</i> . 2013 . Surabaya: Unesa University Press 2. <i>Teori Graf dan Aplikasinya</i> . 2012 . Surabaya: Unesa University Press 3. <i>Geometri Fractal dan Aplikasinya</i> . 2016. Surabaya: Unesa University Press.			
Important publications over last 5 years	1	Authors	I Ketut Budayasa and	
		Title	Development of field-based tasks with technology to reduce math anxiety and improve math performance	
		Publisher, place of publications, volum, issue, page number	Vol. 19 No.1 tahun 2021 World Transactions on Engineering and Technology Education. (terindeks Scopus , Q1)	
	2	Authors	Dwi Juniati, I Ketut Budayasa, Chusnul Chotimah	
		Title	The Similarity Of Iris Between Twins And Its Effect On Iris Recognition Using Box Counting	
		Publisher, place of publications, volum, issue, page number	2020:90 Commun. Math. Biol. Neurosci. (terindeks Scopus ,Q3)	
	3	Authors	Dwi Juniati, I Ketut Budayasa	
		Title	Working Memory Capacity and Mathematics Anxiety of Mathematics Undergraduate Students and Its Effect on Mathematics Achievement	
		Publisher, place of publications, volum, issue, page number	Vol 8. Issue 1 year 2020 Journal for the Education of Gifted Young Scientists (terindeks Scopus , Q3)	
	4	Authors	Nur Fauziyah, Carol Le Lant, I Ketut Budayasa, Dwi Juniati	
		Title	Differences in the Cognitive Processes of Autism Spectrum Disorder Students in Understanding Mathematical Problems Based on the Level of Intelligence	
		Publisher, place of publications, volum, issue, page number	Vol.24,No. 6 year 2020, International Journal of Psychosocial Rehabilitation (terindeks scopus)	



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5	Authors	Andi Husniati, I Ketut Budayasa, Dwi Juniati, Carol Le Lant
	Title	Analysis of deaf students understanding math concepts in the topic of geometry (rectangle shape): A case study
	Publisher, place of publications, volum, issue, page number	Vol 8 Issue 3 year 2020 Journal for the Education of Gifted Young Scientists (terindeks Scopus ,Q3)
6	Authors	Dwi Juniati, I Ketut Budayasa
	Title	The Mathematics Anxiety: Do Prospective Math Teachers Also Experience It?
	Publisher, place of publications, volum, issue, page number	Conf.Ser. 1663012032 Journal of Physics: Conference Series (IOP) Terindeks Scopus 2020
7	Authors	I Ketut Budayasa, Dwi Juniati
	Title	The Influence of Cognitive Style on Mathematical Communication of Prospective Math Teachers in Solving Problems
	Publisher, place of publications, volum, issue, page number	Conf. Ser.1417012056 Journal of Physics: Conference Series (IOP) Terindeks Scopus
8	Authors	Nur Fauziyah, Carol Le Lant, I Ketut Budayasa, Dwi Juniati
	Title	Cognition Processes of Students with High Functioning Autism Spectrum Disorder in Solving Mathematical Problems
	Publisher, place of publications, volum, issue, page number	Vol. 12 No.1,tahun 2019 Internasional Journal of Instruction (terindeks scopus, Q2)
9	Authors	Rosdiana, I Ketut Budayasa, and Agung Lukito
	Title	Pre-Service Primary School Teachers' Mathematical Reasoning Skills from Gender Perspectives: A Case Study
	Publisher, place of publications, volum, issue, page number	Vol. 7 Issue 4 Journal for the Education of Gifted Young Scientists (terindeks Scopus ,Q3) 2019
10	Authors	La Misu, I Ketut Budayasa, Agung Lukito, Hasnawati, and Utu Rahim



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		Title	Profile of metacognition of mathematics education students in understanding the concept of integral in category classifying and summarizing							
		Publisher, place of publications, volum, issue, page number	Vol. 12, No. 3 Internasional Journal of Instruction (terindeks scopus, Q2) 2019							
	11	Authors	I K Budayasa and D Juniati							
		Title	The Influence of Cognitive Style on Mathematical Communication of Prospective Math Teachers in Solving Problems							
		Publisher, place of publications, volum, issue, page number	Conf. Ser.1417012056 Journal of Physics: Conference Series (IOP) Terindeks Scopus tahun 2019							
	12	Authors	Pathuddin, I Ketut Budayasa and Agung Lukito							
		Title	Metacognitive activity of male students: difference field independent dependent cognitive style							
		Publisher, place of publications, volum, issue, page number	J. Phys.Conf. Ser.,1218012025 Journal of Physics: Conference Series (IOP) Terindeks Scopus tahun 2019							
	13	Authors	Arwanto, I Ketut Budayasa and Mega Teguh Budiarto							
		Title	The development role of mathematic intuition principles in mathematical problem-solving							
		Publisher, place of publications, volum, issue, page number	J. Phys.Conf. Ser.,1188012089, Journal of Physics: Conference Series (IOP) Terindeks Scopus tahun 2019							
	Activities in specialist bodies over	<table border="1"> <thead> <tr> <th>Organisation</th> <th>Position</th> <th>Period</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			Organisation	Position	Period			
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the last 5 years	Indonesian Mathematics Society (INDO-MS)	member	2018-2020
	American Mathematical Society (AMS)	member	

Surabaya, 6 December 2019

Prof. I Ketut Budayasa, PhD.