



MINISTRY OF EDUCATION AND CULTURE  
UNIVERSITAS NEGERI SURABAYA

FACULTY OF MATHEMATICS AND NATURAL SCIENCE  
DEPARTEMENT OF MATHEMATICS

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

## STAFF HANDBOOK



<b>Name :</b>	Prof. Dr.Siti Maghfirotn Amin, M. Pd.		
<b>Position:</b>	Profressor of mathematics education		
<b>Academic Career:</b>	<b>Degree</b>	<b>Expertise</b>	<b>Institution</b>
	Undergraduate Degree	Mathematics	IKIP Surabaya
	Magister Degree	Mathematics Education	IKIP Malang
	Doctoral Degree	Mathematics Education	Universitas Negeri Surabaya
<b>Employment</b>	<b>Position</b>	<b>Employer</b>	<b>Period</b>
	Head of doctoral programs of mathematics education	Pascasarjana unesa	2018- 2020
<b>Research and development projects</b>	<b>No</b>	<b>Name of project</b>	<b>Period</b>
	1	Evaluasi Pelaksanaan Kurikulum S3 Pendidikan Matematika Berbasis KKNI	2018
			<b>Amount</b>
			50 juta



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<b>over the last 5 years</b>	2	Pembelajaran Berbasis Inkuiri untuk Melatih Kemampuan Siswa SMP dalam Memecahkan Masalah Matematika	2018	10 Juta	
	3	Penyusunan Data Base Prodi Pendidikan Matematika Dalam Rangka Peningkatan Kualitas Layanan Kepada Mahasiswa	2017	60 Juta	
	4	Pengembangan Media Pembelajaran Matematika Dengan Memanfaatkan Bahan Habis Pakai/Bekas	2017	10 Juta	
	5	Pengembangan Bahan Start Up Workshop Pendidikan Matematika Realistik Indonesia	2016	10 Juta	
<b>Industry collaborati on over last 5 years</b>					
<b>Patents and proprietary rights</b>	Copyright of several books: 1. <i>Membantu Anak Belajar Bilangan</i> . 2014 . Surabaya: Unesa University Press				
<b>Important publications over last 5 years</b>	1	Authors	Siti M Amin,		
		Title	The Seventh Grade Students' Generalization Strategies of Patterns		
		Publisher, place of publications, volum, issue, page number	Vol.12, No.3, August 2018, pp. 333~339 ISSN: 2089-9823 Journal of Education and Learning (EduLearn)		
	2	Authors	Siti M Amin,		
	Title	Analysis of Student's Understanding of Exponential Concept: A Perspective of Pirie-Kieren Theory			



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	Publisher, place of publications, volum, issue, page number	IOP Conf. Series: Journal of Physics: Conf. Series 1108 2018
3	Authors	Siti M Amin,
	Title	The Role of Refutational Text as a Conceptual Change Effort to Fix the Misconception on Addition and Subtraction of Integers
	Publisher, place of publications, volum, issue, page number	IOP Conf. Series: Journal of Physics: Conf. Series 1108 2018
4	Authors	Siti M Amin,
	Title	Error Analysis of Indonesian Junior High School Student in Solving Space and Shape Content PISA Problem Using Newman Procedure
	Publisher, place of publications, volum, issue, page number	IOP Conf. Series: Materials Science and Engineering 947 2018
5	Authors	Siti M Amin,
	Title	Students' Mathematisation in Solving Mathematical Literacy Problems with Space and Shape Contents
	Publisher, place of publications, volum, issue, page number	IOP Conf. Series: Journal of Physics: Conf. Series 1108 2018
6	Authors	Siti M Amin,
	Title	Flexibility in Mathematics Problem Solving Based on Adversity Quotient
	Publisher, place of publications, volum, issue, page number	IOP Conf. Series: Journal of Physics: Conf. Series 947 2018
7	Authors	Siti M Amin,
	Title	Creativity of Field-dependent and Field-independent Students in Posing Mathematical Problems
	Publisher, place of publications, volum, issue, page number	IOP Conf. Series: Journal of Physics: Conf. Series 947 2018
8	Authors	



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	Title	Students' Algebraic Reasoning In Solving Mathematical Problems with Adversity Quotient
	Publisher, place of publications, volum, issue, page number	IOP Conf. Series: Journal of Physics: Conf. Series 947 2018
9	Authors	Siti M Amin,
	Title	Students' Spatial Reasoning in Solving Geometrical Problems Based on Personality Types
	Publisher, place of publications, volum, issue, page number	Atlantis Press: Advances in Intelligent Systems Research (AISR), volume 157 2018
10	Authors	Siti M Amin,
	Title	The Effect of Think-Pair-Share Learning with Contextual Approach on Junior High School Students' Mathematics Problem Solving Ability
	Publisher, place of publications, volum, issue, page number	Atlantis Press: Advances in Intelligent Systems Research (AISR), volume 157
11	Authors	Siti M Amin,
	Title	Representation of Students in Solving Simultaneous Linear Equation Problems Based on Multiple Intelligence
	Publisher, place of publications, volum, issue, page number	IOP Conf. Series: Journal of Physics: Conf. Series 947 2018
12	Authors	Siti M Amin,
	Title	Exploring mathematization underpinnings of prospective mathematics teachers in solving mathematics problems
	Publisher, place of publications, volum, issue, page number	Jurnal Tadris Matematika, 11(2) 2018: 167-176 2018
13	Authors	Siti M Amin,
	Title	The First Year Students' Mathematisation in Solving Mathematical Literacy Problem
	Publisher, place of publications, volum, issue, page number	Prosiding of International Conference on Language and Education ISBN 978-979-495-955-8



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<b>Activities in specialist bodies over the last 5 years</b>	<b>Organisation</b>	<b>Position</b>	<b>Period</b>
	Indonesian Mathematics Society (INDO-MS)	member	

Surabaya, 6 December 2019

Prof. Dr.Siti Maghfirotun Amin, M. Pd.