



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



Name:	Shofan Fiangga, S.Pd., M.Sc.				
Position:	Lecturer at mathematics education (History of mathematics, curriculum analysis)				
Academic Career:	Degree	Expertise	Institution	Year	
	Under Graduate Degree	Mathematics Education	Universitas Negeri Surabaya	2006-2010	
	Exchange Program on Master	Science Education and Communication	Utrecht University	2012	
	Magister Degree	Mathematics Education	Universitas Negeri Surabaya	2011-2013	
	Training	Training of AA dan Pekerti	Universitas Negeri Surabaya	2014	
	Education and training	Diklat Pra Jabatan	Balai Diklat Kemdikbud	2014	
	Training	IELTS Preparation	Pusat Bahasa, Universitas Negeri Surabaya	2018	
	Employment	Position	Employer	Period	
	Tenaga Pengajar Jurusan Matematika	Unesa	2014-2018		
	Asisten Ahli	Unesa	2018-skrng		
Research and development	No	Name of project	Period	Partners	Amount



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projects over the last 5 years	1	Pengembangan Bahan Ajar Matakuliah Sejarah Matematika Berbasis Ontogenesis dan Phylogenesis serta Perkembangan Matematika (dana kebijakan fakultas)	2017	Abdul Haris Rosyidi, S.Pd., M.Pd. Prof.Dr.Tatag Yuli Eko Siswono. M.Pd.	10.000.000
	2	Pengembangan Lembar Kerja Mahasiswa (LKM) untuk Meningkatkan Keterampilan Berpikir Kritis dan Kemandirian Mahasiswa	2018	Abdul Haris Rosyidi, S.Pd., M.Pd. Prof.Dr.Tatag Yuli Eko Siswono. M.Pd.	10.000.000
	3	Profil PCK Calon Guru dalam Mendisain Pembelajaran <i>Realistic Mathematics Education</i> (dana kebijakan fakultas)	2019	Dr. Siti Khabibah, M.Pd. Prof. Dr. Siti M. Amin, M.Pd.	10.000.000
Industry collaboration over last 5 years					
Patents and proprietary rights	<ol style="list-style-type: none"> Sertifikat Hak Cipta no EC00201940316 tanggal 16 Mei 2019 terkait Hak Cipta <i>Pacman Carnival Adventure</i> (Program Komputer) Sertifikat Hak Cipta no EC00201940317 tanggal 16 Mei 2019 terkait Hak Cipta <i>CoMath Quiz</i> (Program Komputer) 				
Important publications over last 5 years	No	Authors			
	1.	Title	Penulisan Soal Literasi Numerasi bagi Guru SD di Kabupaten Ponorogo		
		Publisher, place of publications, volum, issue, page number	Jurnal Anugerah 1 (1), 9-18		
	2.	Title	The Characteristics of Mathematical Reasoning and Proof Test on Indonesian High School Students		
		Publisher, place of publications, volum, issue, page number	Journal of Physics: Conference Series 1200 (1), 012007 (5th International Symposium on Mathematics Education and Innovation (ISMEI) 13–14 November 2018, Yogyakarta, Indonesia)		
	3.	Title	Critical Thinking of Pre-service Teachers in Generalizing Mathematical Idea on the Topic of Set		



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	Publisher, place of publications, volum, issue, page number	Atlantis Press, Series:Advances in Social Science, Education and Humanities Research, 277, (International Conference on Science, Technology, Education, Arts, Culture and Humanity-" Interdisciplinary Challenges for Humanity Education in Digital Era"(STEACH 2018)) Wyndham Hotel Surabaya Surabaya, Indonesia. October 29, 2018
4.	Title	Students' Cognitive Processes in Solving Problem Related to the Concept of Area Conservation.
	Publisher, place of publications, volum, issue, page number	Journal on Mathematics Education 10 (1), 21-36
5.	Title	Historical aspect of mathematics on Indonesian mathematics textbook
	Publisher, place of publications, volum, issue, page number	IOP Conference Series: Materials Science and Engineering 434 (1), 012001 (3rd Annual Applied Science and Engineering Conference (AASEC 2018) 18 April 2018, Bandung, Indonesia)
6.	Title	Workshop Kolaboratif untuk Meningkatkan Kemampuan Guru dalam Mendisain Soal Literasi Matematika
	Publisher, place of publications, volum, issue, page number	Prosiding Semnas PPM 2018 1 (1), 1406-1413, 27 October 2018, Surabaya, Indonesia
7.	Title	Developing History of Mathematics Course Material Based on Ontogenesis and Phylogenesis
	Publisher, place of publications, volum, issue, page number	AIP Conference Proceedings 2021 (1), 080010 (THE 8TH ANNUAL BASIC SCIENCE INTERNATIONAL CONFERENCE, 6-7 March 2018, East Java, Indonesia)
8.	Title	The Characteristics of Digital Assessment Bloom for Indonesian Junior High School
	Publisher, place of publications, volum, issue, page number	Atlantis Press, Series:Advances in Intelligent Systems Research, 157 (Proceedings of the Mathematics, Informatics, Science, and Education International Conference (MISEIC 2018))
9.	Title	Pelatihan Penggunaan Aplikasi Geogebra pada Pembelajaran Materi Transformasi di SMPN 2 Gondang Tulungagung
	Publisher, place of publications, volum, issue, page number	Jurnal ABDI Jurnal ABDI: Media Pengabdian Kepada Masyarakat 3 (2), 46-51



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	10.	Title	Improving Students' Visual-algebraic Geometry Ability Using Geogebra in Analytic Geometry Course													
		Publisher, place of publications, volum, issue, page number	Universitas Brawijaya, The Proceedings Book of The 8thAnnual Basic Science International Conference 2018, 566-570													
	11.	Title	Using Historical Perspective in Designing Discovery Learning on Integral for Undergraduate Students													
		Publisher, place of publications, volum, issue, page number	IOP Conference Series: Materials Science and Engineering 296 (1), 012042 (The Consortium of Asia-Pacific Education Universities (CAPEU) 22–23 May 2017, Universitas Negeri Surabaya, Indonesia)													
	12.	Title	Introducing Nine-Point Circle to Junior High School Students													
		Publisher, place of publications, volum, issue, page number	Journal of Physics: Conference Series 947 (1), 012075 (Mathematics, Informatics, Science and Education International Conference (MISEIC) 9 September 2017, Surabaya, Indonesia)													
	13.	Title	Perspektif <i>Phylogenesis</i> dan <i>Ontogenesis</i> dalam Pengembangan Pembelajaran Matematika Menggunakan Aspek Sejarah Matematika													
		Publisher, place of publications, volum, issue, page number	AKSIOMA: Jurnal Program Studi Pendidikan Matematika 6 (2), 294-300													
	14.	Title	Analisis Generalisabilitas Multi Faset pada Instrumen Penalaran Matematika SMP													
		Publisher, place of publications, volum, issue, page number	Jurnal Elemen 3 (2), 118-129													
	Activities in specialist bodies over the last 5 years	<table border="1"> <thead> <tr> <th>Organisation</th> <th>Position</th> <th>Period</th> </tr> </thead> <tbody> <tr> <td>INDO-MS</td> <td>Member</td> <td>2014- now</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>			Organisation	Position	Period	INDO-MS	Member	2014- now						
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Surabaya, 30 November 2019



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