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:	Dr. Ismail, M.Pd.
Position:	Lecturer at mathematics teaching and learning, theory of education, and statistics method
Academic Career:	

Degree	Expertise	Institution	Year
Undergraduate Degree	Mathematics education	IKIP Bandung	Graduated in 1990
Magister Degree	Mathematics education	IKIP Malang	Graduated in 1997
Doctoral Degree	Mathematics education	Unesa Surabaya	Graduated in 2017
Training	Awarenes and Internal Audit of Quality Management System at FMIPA oleh TUV Rheinland Group		2017

Employment

Position	Employer	Period
Head of the Mathematics Department Laboratory	Unesa	2005-2009
Head of Mathematics Department	Unesa	2017-2019
Computer and Multimedia Services Unit (Ulakom and Multimedia) PPKMP FMIPA	Unesa	2019-Now
Faculty of Mathematics and Natural Sciences Senate	Unesa	2017- Now

Research and development projects over the last 5 years

No	Name of project	Period	Partners	Amount
1	Kemampuan Mahasiswa Dalam Menyusun Perangkat Pembelajaran yang Mengembangkan keterampilan Berpikir Kritis Siswa Menggunakan Model Pembelajaran Diskusi (Discussion Model of Learning) Pada Matakuliah Pembelajaran Inovatif I	2019		10
2	Kemampuan Mahasiswa Dalam Menyusun Perangkat Pembelajaran Menggunakan Model Penemuan (Discovery Learning) Pada Matakuliah Pembelajaran Inovatif II	2018		10
3	Pengembangan Perangkat Pembelajaran Dengan Kegiatan Laboratorium Inkuiri Untuk Meningkatkan Keterampilan Bepikir Kritis dan Hasil Belajar Mahasiswa Pada Perkuliahan Metode Statistika.	2017		10
4	Ujicoba Buku Panduan Guru untuk Melaksanakan Asesmen Autentik pada Pembelajaran	2016		10

		Matematika dengan Pendekatan Saintifik			
	5	Profil Keterampilan Berpikir Kritis pada Siswa SMP dalam Menyelesaikan Masalah Matematika Berdasarkan Kemampuan Matematika	2014		36
	6	Pengembangan Media Pembelajaran Matematika Berbasis ICT (Information and Communication Technology) untuk Menumbuhkan Minat dan Motivasi Siswa dalam Memahami Konsep dalam Matematika di SMP	2009		70
	7	Penggunaan Paket Program Mathematica Melalui Pembelajaran Kooperatif Tipe STAD sebagai Upaya untuk Mengatasi Kesulitan Mahasiswa dalam Belajar Mata Kuliah Matematika Dasar di FMIPA Unesa	2007		10
Industry collaboration over last 5 years					
Patents and proprietary rights					
Important publications over last 5 years					

No	Authors	
1	Title	Profil Keterampilan Berpikir Kritis pada Siswa dengan Kemampuan Matematika Tinggi dalam Menyelesaikan Soal-soal Berpikir Kritis Masalah Matematika

		Publisher, place of publications, volum, issue, page number	Aktual Jurnal LPPM Unesa, Vol. 3 Nomor 1 Desember 2015, Hal 17-32 ISSN:2339-2894
	2	Title	Critical Thinking Skills of Male Students of Eight Grade Junior High School with High Math Ability in Math Problem Solve
		Publisher, place of publications, volum, issue, page number	IOP MISEIC , (Journal of Physics: Conference Series), Volume 947/012073/ 10 Januari 2018.
	3	Title	Critical Thinking Skills Of Junior High School Female Students With High Mathematical Skills In Solving Contextual And Formal Mathematical Problems.
		Publisher, place of publications, volum, issue, page number	Journal of Physics: Conference Series The 2nd International Joint Conference on Science and Technology (IJCST) 2017 27–28 September, Volume 953/ 6 Februari 2018
	4	Title	The Relationship Of Critical Thinking Skills And Metacognitive Skills In Junior High School Students In Solving Mathematical Problems.
		Publisher, place of publications, volum, issue, page number	The 3nd International Joint Conference on Science and Technology (IJCST) 2018 18-19 Oktober 2018, Bali, Indonesia
	5	Title	Pelatihan Pembuatan Alat Peraga Pembelajaran Matematika di SDN Pakis V Surabaya.
		Publisher, place of publications, volum, issue, page number	Jurnal ABDI, Vol. 1 No. 2 Januari 2016 Hal. 156-161 ISSN: 2460-5514

Activities in specialist bodies over the last 5 years

Organisation	**Position**	**Period**
INDO-MS	Member	2014- Now

Surabaya, 30 November 2019

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