

## Staff Handbook



Name:	Budi Priyo Prawoto				
Position:	Pengajar pada bidang Matematika Terapan				
Academic Career:	Tingkat	Bidang	Universitas	Tahun	
	Sarjana	Pendidikan Matematika	Universitas Negeri Surabaya	2002 – 2006	
	Magister	Matematika	Institut Teknologi Sepuluh November	2007 – 2009	
Employment	Position	Employer	Period		
	Pendamping Kegiatan Kemahasiswaan Jurusan Matematika	Unesa	2015 – 2018		
	Tim Penalaran Jurusan Matematika	Unesa	2017 – 2018		
	Ketua Laboratorium Jurusan Matematika	Unesa	2019 – now		
Research and development projects over the last 5 years	No	Name of project	Period	Partners	Amount (Million Rp)
	1	Analisis Kestabilan Sistem Autoparametrik Tereksitasi Eksternal	2011	Abadi Rudianto Artiono	35
	2	Pengembangan dan Penggunaan <i>Maple</i> untuk Meningkatkan Pemahaman Mahasiswa Mengenai Integral Fungsi	2012	Hery Tri Sutanto Rudianto Artiono	5
	3	Pengembangan Buku Ajar Mata Kuliah <i>Foundation Of Mathematics</i> Untuk Pembelajaran Di Kelas Internasional Di Jurusan Matematika Fmipa Unesa	2012	Masriyah	10
	4	Pengembangan Formula Banyak Subgrup Fuzzy dengan Kaidah Lattice	2013	R. Sulaiman	50,5

	5	Pengembangan Formula Banyak Subgrup Fuzzy dengan Kaidah Lattice	2014	R. Sulaiman	55
	6	Model Strategi Pembelajaran Olimpiade Matematika Dalam Bahasa Inggris Level SD Di Indonesia	2015	Slamet Setiawan Ahmad Munir Dian Rivia Himawan	75
	7	Modul Olimpiade Matematika Berbahasa Inggris Level SD di Indonesia	2016	Slamet Setiawan Ahmad Munir Dian Rivia Himawan	75
	8	Kestabilan Model SIR Penyakit Tidak Fatal dan Simulasinya	2016	Dimas A. Maulana	10
	9	Analisis Sistem <i>Chaos</i> Cuaca Berbasis <i>Skew Tent Map</i>	2017	Yusuf Fuad	10
	10	Analisis Penyebaran Penyakit Campak Dengan Vaksinasi pada Tiga Tipe Populasi	2018	Yuliani P. Astuti	45.5
	11	Pengembangan Bahan Ajar Kalkulus Diferensial Berbasis Hybrid Learning Untuk Mempersiapkan Mahasiswa Menghadapi Pembelajaran Abad 21	2019	Rudianto Artiono Dwi Nur Yunianti	17.5
	12	Pengembangan Bahan Ajar Berbasis Blended Learning Pada Mata Kuliah Dasar-Dasar Matematika	2019	Atik Wintarti Rudianto Artiono	10
	13	Analisis Matematis Model Penyebaran Penyakit Campak Rubella (Measles Rubella)	2019	Abadi Rudianto Artiono	113.4075
Industry collaboration over last 5 years					
Patents and proprietary rights					
Important publications over last 5 years	1	Authors	Budi Priyo Prawoto		
		Title	Stability and Simulation of Measles Transmission Model With and Without Vaccination		
		Publisher, place of publications, volum, issue, page number	Far East Journal of Mathematical Sciences (FJMS) Vol. 102/No. 2, 2017/ISSN: 0972-0871		
	2	Authors	Budi Priyo Prawoto, Yuliani Puji Astuti, Dimas Avian Maulana		
		Title	The Behaviour of Measles Transmission in Three Different Populations		
		Publisher, place of publications, volum, issue, page number	MATEC Web Conf. Volume 197, 2018 The 3rd Annual Applied Science and Engineering Conference (AASEC 2018), 2018, pp. 1–4.		
	3	Authors	Arif fatahillah, Dafik, Budi Priyo Prawoto, Ahmad Rizqi Lazuardi		

		Title	Numerical Analysis Of Fluidal Flow In Heat Exchangers Using Finite Element Method To Reduce Exhaust Emission Level In Air	
		Publisher, place of publications, volum, issue, page number	IOP Publishing Journal of Physics: Conference Series, Volume 1108 (012089), 2018, MISEIC 2018	
	4	Authors	Dinar Agil Zulfiyana, Yusuf Fuad, Budi Priyo Prawoto	
		Title	Delay's Propagation of Citrus Tristeza Virus on Citrus Plant	
		Publisher, place of publications, volum, issue, page number	IOP Publishing Journal of Physics: Conference Series, Volume 1108 (012086), 2018, MISEIC 2018	
Activities in specialist bodies over the last 5 years				
		Organisation	Position	Period
		INDO-MS	Member	2015 – now
		EMS	Member	2017
	IBMS	Member	2019 – now	

Surabaya, 3 Desember 2019

Budi Priyo Prawoto