



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>	Dr. Atik Wintarti, M.Kom				
<b>Position:</b>	Lecturer at Computing, E-Learning				
<b>Academic Career:</b>	<b>Degree</b>	<b>Expertise</b>	<b>Institution</b>	<b>Year</b>	
	Undergraduate Degree	Mathematics Education	IKIP Surabaya	1985-1990	
	Magister Degree	Computer Science	Universitas Indonesia	1992-1998	
	Doctoral Degree	Electrical Engineering	Institut Teknologi Sepuluh Nopember	2010-2017	
<b>Employment</b>	<b>Courses</b>	<b>Field</b>	<b>Place</b>	<b>Period</b>	
	International Visiting Student	Computer Science	Tokyo Institute of Technology	Sept-Nov 2013	
<b>Research and development projects over the last 5 years</b>	<b>Position</b>	<b>Employer</b>	<b>Period</b>		
	Head of Mathematics Laboratory	Universitas Negeri Surabaya	2004-2008		
<b>Research and development projects over the last 5 years</b>	<b>No</b>	<b>Name of project</b>	<b>Period</b>	<b>Partners</b>	<b>Amount (Rp)</b>
	1	Pemisahan Sinyal Instrumen Gamelan Menggunakan Projection Pursuit	2015-2016	DP2M	46500000
	2	Representasi, Analisis, dan Visualisasi Data Ekologi Pelacakan Hewan Menggunakan Convolutional Neural	2017	Dr. Elly M. Imah, M.Kom Dr. R. Sulaiman, M.Si	10000000



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	3	Network Pengembangan Blended Learning Pada Mata Kuliah Matematika Kontekstual	2018	Dr. Siti Habibah, M.Pd Rooselyna Ekawati, M.Sc., Ph.D	10000000
	4	Perkuliahan Blended Learning Pada Mata Kuliah Aplikasi Komputer	2018	Dr. Siti Habibah, M.Pd Shoffan Fiangga, S.Pd., M.Sc.	6000000
	5	Pengembangan Bahan Ajar Berbasis Blended Learning Pada Mata Kuliah Dasar-Dasar Matematika	2019	Rudianto Artiono, S.Pd., M.Si Budi Priyo Prawoto, S.Pd., M.Si	10000000
	6	Perkuliahan Blended Learning Pada Mata Kuliah Kalkulus Diferensial Untuk Mahasiswa Pendidikan Matematika	2019	Dr. Abadi, M.Sc Dini Kinati Fardah, S.Pd.Si., M.Pd	20000000
<b>Industry collaboration over last 5 years</b>					
<b>Patents and proprietary rights</b>	Hello Counselor, No: EC00201984577				
<b>Important publications over last 5 years</b>	1	Authors	<b>Atik Wintarti</b> , Yoyon K. Suprpto, Wirawan		
		Title	Kurtosis-based Projection Pursuit for Signal Separation of Traditional Musical Instruments		
		Publisher, place of publications, volum, issue, page number	Journal of Theoretical and Applied Information Technology, Pakistan, Vol. 90, No. 2, August 2016, pp. 57 - 66		
	2	Authors	<b>Atik Wintarti</b> , Elly M Imah, Joko Winarko		
		Title	A Comparative Study of PCA, FFT and Wavelet as Feature Extraction for Gamelan Tones Recognition		
		Publisher, place of publications, volum, issue, page number	Advanced Science Letters, USA, Vol. 23, No. 12, Dec 2017, pp. 12012-12015		
	3	Authors	<b>Atik Wintarti</b> , Dwi Juniati, Ika N Wulandari		
	Title	Classification of Gamelan Tones Based on Fractal Analysis			



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		Publisher, place of publications, volum, issue, page number	IOP Conference Series: Materials Science and Engineering, Bandung, vol 288, 2017												
	4	Authors	Elly M Imah, Yuni S Rahayu, <b>Atik Wintarti</b>												
		Title	Plant Leaf Recognition Using Competitive Based Learning Algorithm												
		Publisher, place of publications, volum, issue, page number	IOP Conference Series: Materials Science and Engineering, Bandung, vol 288, 2017												
	5	Authors	Wasis, Kumaidi, Bastari, Mundilarto, <b>Atik Wintarti</b>												
		Title	Analytical Weighting Scoring for Physics Multiple Correct Items to Improve the Accuracy of Students' Ability Assessment												
		Publisher, place of publications, volum, issue, page number	Eurasian Journal of Educational Research, Turkey, vol 76, 2018												
	6	Authors	<b>Atik Wintarti</b> , Nila R Dewi												
		Title	The Application of RPG Game "Hello Counselor" to Support Students' Self-Study about Simultaneous Linear Equations												
		Publisher, place of publications, volum, issue, page number	International Seminar on Application for Technology of Information and Communication (iSemantic), Semarang, 2019, pp. 255-259												
<b>Activities in specialist bodies over the last 5 years</b>	<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>2016-2018 2018-2020</td> </tr> <tr> <td>IEEE</td> <td>Member</td> <td>2015</td> </tr> <tr> <td>EMS</td> <td>Member</td> <td>2016</td> </tr> </tbody> </table>			Organisation	Position	Period	Indo-MS	Member	2016-2018 2018-2020	IEEE	Member	2015	EMS	Member	2016
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	IEEE	Member	2015												
EMS	Member	2016													

Surabaya, December 6<sup>th</sup> 2019

Atik Wintarti