

STAFF HANDBOOK



Name:	Dr. Atik Wintarti, M.Kom																							
Position:	Associate Professor in Computation (E-Learning)																							
Academic Career:	<table><tr><th>Career</th><th>Expertise</th><th>University</th><th>Year</th></tr><tr><td>Undergraduate</td><td>Mathematics Education</td><td>IKIP Surabaya</td><td>1985-1990</td></tr><tr><td>Lecturer</td><td>Mathematics Education</td><td>IKIP Surabaya</td><td>1991</td></tr><tr><td>Master</td><td>Computer Science</td><td>Universitas Indonesia</td><td>1992-1998</td></tr><tr><td>Doctorate</td><td>Computer Science</td><td>Institut Teknologi Sepuluh Nopember</td><td>2010-2017</td></tr></table>				Career	Expertise	University	Year	Undergraduate	Mathematics Education	IKIP Surabaya	1985-1990	Lecturer	Mathematics Education	IKIP Surabaya	1991	Master	Computer Science	Universitas Indonesia	1992-1998	Doctorate	Computer Science	Institut Teknologi Sepuluh Nopember	2010-2017
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Research and development projects over the last 5 years	<table><tr><th>No</th><th>Name of project</th><th>Period</th><th>Partners</th><th>Amount (Rp)</th></tr><tr><td>1</td><td>Pemisahan Sinyal Instrumen Gamelan Menggunakan Projection Pursuit</td><td>2015-2016</td><td>DP2M</td><td>46500000</td></tr><tr><td>2</td><td>Representasi, Analisis, dan Visualisasi Data Ekologi Pelacakan Hewan Menggunakan Convolutional Neural Network</td><td>2017</td><td>Dr. Elly M. Imah, M.Kom Dr. R. Sulaiman, M.Si</td><td>10000000</td></tr></table>				No	Name of project	Period	Partners	Amount (Rp)	1	Pemisahan Sinyal Instrumen Gamelan Menggunakan Projection Pursuit	2015-2016	DP2M	46500000	2	Representasi, Analisis, dan Visualisasi Data Ekologi Pelacakan Hewan Menggunakan Convolutional Neural Network	2017	Dr. Elly M. Imah, M.Kom Dr. R. Sulaiman, M.Si	10000000					
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	3	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
Industry collaboration over last 5 years					
Patents and proprietary rights	Hello Counselor, No: EC00201984577				
Important publications over last 5 years	1	Authors	Atik Wintarti , 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	Atik Wintarti , 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	Atik Wintarti , Dwi Juniati, Ika N Wulandari		
		Title	Classification of Gamelan Tones Based on Fractal Analysis		
		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, Atik Wintarti		
		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, Atik Wintarti
		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	Atik Wintarti , 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
Activities in specialist bodies over the last 5 years			
	Organisation	Position	Period
	Indo-MS	Member	2016-2018 2018-2020
	IEEE	Member	2015
	EMS	Member	2016

Surabaya, December 10th 2021

Dr. Atik Wintarti, M.Kom