

Staff Handbook



Prof. Dr. Ismet Basuki, M.Pd.

POSITION			
Professor of Electrical Engineering Education, Faculty of Engineering, UNESA			
ACADEMIC CAREER	Bachelor of Engineering Education	IKIP Negeri Surabaya	1985
	Master of Vocational and Engineering Education	IKIP Yogyakarta (Universitas Negeri Yogyakarta)	1987
	Doctor of Educational Research and Evaluation	Universitas Negeri Jakarta	1997
	Professor of Vocational and Engineering Education	Universitas Negeri Surabaya	2009 - present
EMPLOYMENT	Position	Place and Year	
	Lecturer	<ul style="list-style-type: none"> ○ Undergraduate program in Electrical Engineering Education, Faculty of Engineering, Unesa <ul style="list-style-type: none"> ▪ Statistics, 1998 - present. ▪ Metodologi Penelitian, Tahun 1998-present. ▪ Evaluasi Pengajaran, Tahun 1998-present. ▪ Kurikulum SMK, 2013-present ▪ Pembelajaran Inovatif, 2020-present ▪ Instalasi Listrik Tenaga, Tahun 2000-2003. ▪ Pemakaian Listrik Domestik, Tahun 2000-2003. ▪ Perencanaan Instalasi Listrik, Tahun 1998-2002. ▪ Rangkaian Listrik I (Kegiatan Terstruktur) ▪ Transformator (Kegiatan Terstruktur), Tahun 1990. ▪ Analisis Sistem Tenaga Listrik, Tahun 1985-1998. ▪ Merencana Mesin Listrik AC, Tahun 1986-1987. ▪ Mesin Listrik DC Motor (Kegiatan Terstruktur), tahun 1987. ▪ Mesin Listrik DC Generator (Kegiatan Terstruktur), Tahun 1986. ▪ Pengalaman Praktek Mesin Listrik, Tahun 1985. 	

		<ul style="list-style-type: none"> ○ S2 Prodi Pendidikan Matematika Unesa <ul style="list-style-type: none"> ▪ Matakuliah Pengantar Matematika IA (Evaluasi), 1998-2009. ○ S2 Prodi Dikdas <ul style="list-style-type: none"> ▪ Matakuliah Komputer Administrasi Pendidikan, 2011. ○ S2 Prodi Manajemen Pendidikan Unesa <ul style="list-style-type: none"> ▪ Matakuliah Komputer Administrasi Pendidikan, 1998-2011. ▪ Matakuliah Statistika Terapan, 2011-2019. ○ S2 Prodi Pendidikan IPS Unesa <ul style="list-style-type: none"> ▪ Matakuliah Pedagogik Transformatif, 2009-2013. ▪ Matakuliah Paradigma Baru Pendidikan, 2009. ▪ Matakuliah PTK, 2011-2019 ○ S2 Prodi Pendidikan Dasar Unesa <ul style="list-style-type: none"> ▪ Matakuliah Komputer Administrasi Pendidikan, 2008-2011. ○ S2 PPs Universitas Pesantren Tinggi Darul Ulum (Unipdu) Jombang (Prodi Manajemen Pendidikan Islam) <ul style="list-style-type: none"> ▪ Matakuliah Evaluasi dan Supervisi Pendidikan Islam, 2004-2006 ▪ Matakuliah Perencanaan dan Penyelenggaraan Pendidikan Islam, 2004-2015 ○ S3 Teknologi Pendidikan, 2013-present) ○ S3 Manajemen Pendidikan, 2015-present. ○ S3 Ilmu Keolahragaan, 2013-2020. ○ S3 Pendidikan Vokasi, 2016-present ○ Dosen Luar Biasa Politeknik Elektronika (PENS) ITS, 1999-2005 ○ Dosen Program Pengembangan Keterampilan Mengajar (PPKM) Kerjasama Unesa-Unipa, tahun 1998 - 2004. ○ Dosen Luar Biasa STIKOM Surabaya, tahun 1998-2000. ○ Instruktur Pendidikan Perwira (SUSTEKDIKPA) TNI-AL KODIKAL, 1999-2009. ○ Instruktur Pendidikan Calon Perwira (DIKCAPA) TNI-AL KODIKAL, 1999-2009. ○ Instruktur Sekolah Penerbang TNI-AL Juanda Surabaya, 2004-2009. ○ Guru STM "YWSG", STMKr "Petra", STM "Antartika") dan SLTP (SMP YPPI); tahun 1982-1986 		
	Chair of Electric Energy Conversion Lab.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Departement of Electrical Engineering, Faculty of Engineering Universitas Negeri Surabaya</td> <td style="width: 40%; text-align: center;">1986 - 1990</td> </tr> </table>	Departement of Electrical Engineering, Faculty of Engineering Universitas Negeri Surabaya	1986 - 1990
Departement of Electrical Engineering, Faculty of Engineering Universitas Negeri Surabaya	1986 - 1990			

RESEARCH AND DEVELOPMENT PROJECT OVER THE LAST 5 YEARS	1. Strategi Manajemen dalam Sistem Informasi, Pelayanan Sarana Prasarana dalam Upaya Mendukung Kelulusan Mahasiswa Pascasarjana Universitas Negeri Surabaya (2017)	
	2. Strategi Manajemen dalam Sistem Informasi, Pelayanan Sarana Prasarana dalam Upaya Mendukung Kelulusan Mahasiswa Pascasarjana Universitas Negeri Surabaya (2017)	
	3. Faktor-Faktor yang Mempengaruhi Kompetensi Guru SMK (2017)	
	4. Pengaruh Prestasi Akademik, Keikutsertaan dalam Forum Ilmiah, dan Karya Pengembangan Profesi terhadap Kompetensi Guru (2018)	
	5. Studi Tentang Pengaruh Pengembangan Keprofesian Berkelanjutan (PKB) Guna Mendukung Pengembangan Profesi Guru Pembelajar (PPGP) Terhadap Kompetensi Guru SMK (2019)	
BOOK WRITING OVER THE LAST 5 YEARS	Title	Year
	1. Teknik Analisis Data Penelitian Kuantitatif	2018
	2. Asesmen Pembelajaran 2016	2014-2016
IMPORTANT PUBLICATIONS OVER THE LAST 5 YEARS	Design of function generator using arduino due 12 bit dac, Journal of Physics: Conference Series 1569 (3), 032097, 2020	
	Generalized Regression Neural Network for Long-Term Electricity Load Forecasting, 2020 International Conference on Smart Technology and Applications (ICoSTA), 1-5, 2020	
	Analysis of Robotic Building Skill for Electrical Engineering Student Based on Contextual Teaching & Learning with Structural Equation Modelling, International Conference on Education, Science and Technology, 360-367, 2019	
	ARIAS Learning (Assurance, Relevance, Interest, Assesment and Satisfaction) in Social Studies, The Indonesian Journal of Social Studies 2 (2), 114-119, 2019	
	Pengaruh Model Pembelajaran Assurance, Relevance, Interest, Assessment, Satisfaction (ARIAS) dan Motivasi Berprestasi Terhadap Hasil Belajar IPS Siswa Kelas VIII SMP Negeri 1, Brilliant: Jurnal Riset dan Konseptual 4 (3), 314-322, 2019	
	The Effect of PDEODE Learning Model on Competency of Electronic and Electronic Basics Lessons Reviewed from The Ability of Formal Reaching Students of Class X TITL A in Raden, International Journal for Educational and Vocational Studies 1 (6), 604-608, 2019	
	Development of History Textbooks using Model MORE (Model, Observe, Reflect, Explain), The Indonesian Journal of Social Studies 2 (1), 21-26, 2019	
	Effect of Character Education to Entrepreneurial Readiness for Vocational High School (VHS) Students, Indonesian Journal of Learning Education and Counseling 2 (1), 23-36, 2019	
	Vocational Students Readiness in The Face of the Industrial Revolution 4.0 and the Demands of Life in the 21st Century Skills, Celebes Education Review 1 (1), 40-52 4, 2019	
	Study of the Contribution of Entrepreneurial Insights and Industrial Work Practices to Work Readiness by Student Graduates in	

	Vocational High Schools, International Conference on Science, Technology, Education, Arts, Culture, 2019
	Management of School Operational Assistance at Elementary School of Mojokerto Regency, 2nd International Conference on Education Innovation (ICEI 2018), 2018
	Applying Student Team Achievement Divisions (STAD) Model on Material of Basic Programme Branch Control Structure to Increase Activity and Student Result, MS&E 336 (1), 012027, 2018
	Design of Smart Educational Robot as a Tool for Teaching Media Based on Contextual Teaching and Learning to Improve the Skill of Electrical Engineering Student, MS&E 336 (1), 012047, 2018
	Student team achievement divisions: Its effect on electrical motor installation knowledge competence, IOP Conference Series: Materials Science and Engineering 336 (1), 012025, 2018
	Competency Based Assessment in Fashion Design, Materials Science and Engineering Conference Series 336 (1), 012044, 2018
	The Effect of Listening to Radio News in Developing Students' Listening Comprehension Skills, Educational Technology to Improve Quality and Access on a Global Scale, 157-164, 2018
	Design of an artificial intelligence robot as a tool for teaching media based on contextual teaching and learning, Jurnal Pendidikan Teknologi dan Kejuruan 23 (4), 369-373, 2017
	Design of Intelligent Robot as a Tool for Teaching Media Based on Computer Interactive Learning and Computer Assisted Learning to Improve the Skill of Learner, 6th International Conference on Educational, Management, Administration, 2016