



Dr. I Gusti Putu Asto B., S.T., M.T.

POSITION	Lecturer of Electrical Engineering, Faculty of Engineering, UNESA		
	Title	University	Year
	Doctor in Electrical Engineering	Institut Teknologi 10 Nopember Surabaya	2011

ACADEMIC CAREER	Bachelor in Electrical Engineering-Telecommunication	Institut Teknologi 10 Nopember Surabaya	1994-1998
	Industrial Engineering-Industrial Management	Institut Teknologi 10 Nopember Surabaya	2001-2003
	Electrical Engineering	Institut Teknologi 10 Nopember Surabaya	2007-2011

EMPLOYMENT	Position	Place	Year
	Lecturer of Electrical Engineering	Universitas Negeri Surabaya - Indonesia	1999- now

RESEARCH AND DEVELOPMENT PROJECT OVER THE LAST 5 YEARS	Title	Year
	Pembelajaran Berbantuan Komputer untuk meningkatkan soft skills, kompetensi dan Hasil Belajar peserta didik pada Bidang Vokasi	2018-2020
	Deteksi Dini Pervasive Developmental Disorder Menggunakan Sistem Terintegrasi Eyetracking dan Brain Computer Interface	2020
	Media Robot untuk meningkatkan hasil belajar siswa terhadap materi pembelajaran bidang vokasi ditinjau dari kecakapan berpikir siswa	2020
	PEMBELAJARAN BERBANTUAN KOMPUTER UNTUK MENINGKATKAN SOFT SKILLS, KOMPETENSI DAN HASIL	2019

BELAJAR PESERTA DIDIK PADA BIDANG VOKASI (Kajian Blended Learning)	
PEMBELAJARAN BERBANTUAN KOMPUTER UNTUK MENINGKATKAN SOFT SKILLS, KOMPETENSI DAN HASIL BELAJAR PESERTA DIDIK PADA BIDANG VOKASI (Kajian Simulasi Komputer)	2019
Pengembangan Evaluasi Pembelajaran Berbasis 4C Pendidikan Guru Vokasi Abad 21	2018
IMPLEMENTASI MODEL PEMBELAJARAN INOVATIF UNTUK MENGEMBANGKAN KETERAMPILAN BERPIKIR KREATIF PADA PENDIDIKAN VOKASI	2018
Penerapan QR Code Generator Pada Sistem Informasi Inventaris Laboratorium Jurusan Teknik Informatika FT-Unesa	2017
Penerapan QrCode Scanner Pada Sistem Informasi Inventaris Laboratorium Jurusan Teknik Informatika FT Unesa	2017
Pengembangan Model Pendidikan Guru Bidang Vokasi Di Era Digital	2016-2017
Penentuan Sindrom Penyakit pada Traditional Chinese Medicine (TCM) dengan Menggunakan Expert System	2014-2016
Implementasi Teknologi Informasi dan Komunikasi Berbasis Metakognisi pada Bidang Pendidikan Vokasi	2013-2014
Rancang Bangun Mesin Printing Batik Semi Otomatis Sistem Kontinyu Untuk Mengatasi Permasalahan UKM Batik	2012-2013
Smart Popcorn autoMaker System (SPaM's) Berbasis Internet of Things (IoT) untuk Meningkatkan Produksi Popcorn pada UKM "ReRe's Popcorn" di Kota Surabaya	2019
PKM UKM PRODUSEN SUSU KEDELAI DESA GANDUL KECAMATAN PILANGKENCENG KABUPATEN MADIUN JAWA TIMUR	2018
Pelatihan Penggunaan Slider Sebagai Sarana Penunjang Pembuatan Video Terkonsep di SMKN 4 Surabaya	2018
Peningkatan Profesionalisme Guru TIK Melalui Workshop Desain dan Implementasi Publikasi Web Menggunakan Wordpress Bagi Guru MGMP TIK Dan Prakarya SMP Negeri se-Kabupaten Mojokerto	2017

	Pelatihan Virtual Learning Untuk menunjang Proses Pembelajaran Bagi Guru-Guru di SMK Swasta Semen Gresik	2016
	IbM UKM BREM MADIUN	2014

PUBLICATIONS	Journal Name	Title	Link	Indexed
	International Journal of Information and Communication Technology Education 2017 13(4) Copyright: © 2017 Pages: 21	Learning programming technique through visual programming application as learning media with fuzzy rating	Repository Unesa https://www.igi-global.com/article/learning-programming-technique-through-visual-programming-application-as-learning-media-with-fuzzy-rating/187020 DOI: 10.4018/IJICTE.2017100105	Scopus
	ARNP Journal of Engineering and Applied Sciences 2014 Vol.9 No. 7	Design and implementation of semi automatic system batik printing to enhance production of small and	http://www.arpnjournals.com/jeas/research_papers/rp_2014/jeas_0714_1150.pdf	Scopus

		medium enterprises (SMEs) batik		
	Journal of Theoretical and Applied Information Technology 30th November 2013. Vol. 57 No.3	Learning media based on Game Based Learning to learn digital techniques	http://www.jatit.org/volumes/Vol57No3/10Vol57No3.pdf	Scopus
	Adv. Sci. Lett. 23, 11879–11883 (2017)	Classification of Lung Disease Syndromes in Traditional Chinese Medicine Based on Learning Vector Quantization	Masuk Repository Unesa http://www.aspbs.com/science/content_s-science2017.htm#2312	Scopus
	Journal of Technological and Vocational Education Vol 23, No 4 (2017)(October)	Design of an Artificial Intelligence Robot as a Tool for Teaching Media Based On Contextual Teaching and Learning	https://journal.uny.ac.id/index.php/jptk/article/view/14293 http://dx.doi.org/10.21831/jptk.v23i4.14293	DOAJ (Green Tick)
	Journal of Technological and Vocational Education Vol 25, No 1 (2019)(May)	Analysis Of Programming Skills Concept In Developing Problem Solving Skills	https://journal.uny.ac.id/index.php/jptk/article/view/22638/12093	DOAJ
	Journal of Technological and Vocational Education Vol 25, No 1 (2019)(May)	Improving Creative Thinking Skills Through Discovery Learning Model In Vocational High Schools	https://journal.uny.ac.id/index.php/jptk/article/view/21953/12095	(Green Tick)
	International Journal of Soft Computing	Decision Support System for Syndrome Differentiation in Traditional Chinese Medicine Based on Expert System	http://docsdrive.com/pdfs/medwelljournals/ijscmp/2016/185-194.pdf	Scopus (discontinued)

	(2016 Volume 12)			
	Journal of Convergence Information Technology 10 (5), 79 vol: issue : 2015	Computer Simulation Based on K-Means as Learning Media to Determine Syndrome of Disease in Traditional Chinese Medicine	http://www.globalcits.org/jcit/ppl/JCIT4325PPL.pdf	Scopus (discontinued)
	IOP Conference Series: Materials Science and Engineering Volume 288 , 2018	Method Comparison of 3D Facial Reconstruction Corresponding to 2D Image	http://iopscience.iop.org/article/10.1088/1757-899X/288/1/012073/pdf DOI: 10.1088/1757-899X/288/1/012073	Scopus
	IOP Conference Series: Materials Science and Engineering Volume 288 , 2018	A Responsive Web-Based QR Code for Inventory in the Laboratory of Informatics, UNESA	http://iopscience.iop.org/article/10.1088/1757-899X/288/1/012109/pdf DOI: 10.1088/1757-899X/288/1/012109	Scopus
	Proceedings of the 3rd UPI International Conference on Technical and Vocational Education and Training 2015	Improvement of Vocational Skill of Students Through Discovery Learning Method	https://www.atlantispublishing.com/proceedings/tvet-14/16857 DOI: 10.2991/ictvet-14.2015.21	

	<u>IOP Conference Series: Materials Science and Engineering Volume 296</u> 2018	The effect of thematic learning model, learning style, and reading ability on the students' learning outcomes	http://iopscience.iop.org/article/10.1088/1757-899X/296/1/012039/pdf	
	<u>IOP Conference Series: Materials Science and Engineering Volume 296</u> 2018	Design of Intelligent Robot as A Tool for Teaching Media Based on <i>Computer Interactive Learning and Computer Assisted Learning</i> to Improve the Skill of University Student	http://iopscience.iop.org/article/10.1088/1757-899X/296/1/012049/pdf	
	Vol 1 No 1 (2018): Prosiding Semnas PPM 2018	Media Pembelajaran Berbasis Gui Matlab Untuk Meningkatkan Kemampuan Metakognitif Mahasiswa Pada Mata Kuliah Aplikasi Komputer	http://prosiding.lppm.unesa.ac.id/index.php/semnasppm2018/article/view/20/18	
	Vol 1 No 1 (2018): Prosiding Semnas PPM 2018	Pengaruh Model Pembelajaran Hybrid Learning Terhadap Prestasi Belajar Pada Matakuliah Computer Aided Fashion Design	http://prosiding.lppm.unesa.ac.id/index.php/semnasppm2018/article/view/82/67	
	STE 2013	Penentuan Sindrom Jantung pada <i>Traditional Chinese Medicine</i> dengan menggunakan <i>Expert System</i>	https://www.scribd.com/doc/222493181/Prosiding-STE-2013-2	

ORGANIZATION	Year	Position
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	2011- sekarang	Member of Computer Science Teachers Association
	2015- sekarang	Member of International Society of MCDM (Multi Criteria Decision Making)