

Name	Dr. Drs. Sugeng Rianto, M.Sc.		
Position	Associate Professor		
Scopus ID			
Link google scholar	https://scholar.google.com/citations?hl=en&user=PIQLsdAAAAAJ		
Academic Career	Doctoral Degree	University	Year
	Applied Physics	Curtin University of Technology	2009
	Master degree	University	Year
	Applied Physics	Curtin University of Technology	1999
	Undergraduate degree	University	Year
	Physics	Universitas Brawijaya	1991
Research and development projects over the last 5 years	Name of project or research focus	Funding Sources/amount of financing (in million rupiah)	Period
	Estimasi Waktu-Tunda Kontinyu dengan Interpolasi Cubic-Spline	DPP-SPP / 11	2020
	Mobile Augmented Realiti (MAR) Untuk Pembelajaran Sain	DPP-SPP / 11	2019
	Mesin Pembangkit Obyek 3D Untuk Rekayasa Sistem Augmented Realiti Dalam Proses Belajar Mengajar Matematika Dan Ipa	DPP-SPP / 11	2018
	Desain Lab Vitual Model Pembelajaran Abad Berbasis Html5 Dan Android/Ios	DPP-SPP / 11	2017
	Pengembangan Aplikasi Android Untuk Treatment Planning System (Tps) Organ	DPP-SPP / 11	2016
	Partners, if applicable		
Published Books	Title	Publisher	Year
	The Physics of Radiology and Imaging	Dept. of Physics	2020
	Pengolahan Citra Tingkat Dasar Menggunakan Python	Dept. of Physics	2019
	Prinsip-Prinsip Pemodelan Fisika dengan Aplikasi Berbasis GPU	Computation Laboratory	2018
	Trik-trik Komputasi Fisika dan Pemrogramannya (Dilengkapi dengan	Computation Laboratory	2017

	pemrograman Pascal, Matlab dan Python)		
	Teknologi Pembelajaran Virtual	LP3	2010
Industry collaborations over the last 5 years	Project Titles	Partners	Period
Patents and proprietary rights	Titles		Year
	Modul 4 Interfacing : Interface Standar		2020
	Modul 3 Interfacing : Interface Digital dan Analog		2020
	Modul 2 Interfacing : Metode dan Perancangan Interface		2020
	Modul 1 Interfacing : Pengenalan Interfacing Mikrokomputer		2020
	Teknologi Filter Ultrafine		2015
Important publications over the last 5 years	Selected recent publications from a total of approx. (give total number): 5		
	(authors, year, title, name of journal, vol (issue): page number (DOI: if available))		
	1. (Sugeng Riyanto, 2020, A Virtual Reality Based Surgical Simulation as an Alternative of Halal Surgical Trainings and Better Surgical Planning, IOP Conference Series, 846 (DOI:))		
	2. (Sugeng Riyanto, 2020, Analysis of the relation between glucose concentration in water and resonant frequency using the resonance model, Journal of Physics: Conference Series, 1465 (DOI:))		
	3. (Sugeng Riyanto, 2019, Analysis of TB-DM Collaboration Program at the Hospital in Semarang City, Indonesia, E3S Web of Conferences, 125 (DOI:))		
	4. (Sugeng Riyanto, 2019, Development of Balmer Series Experiment Simulator in Mobile and Android Applications, IOP Conference Series, 546 (DOI:))		
5. (Sugeng Riyanto, 2019, Liquid impedance analyser for glucose concentration in water using resonance model, IOP Conference Series, 546 (DOI:))			
Activities in specialist bodies over the last 5 years	Organization	Role	Period