

STAFF HANDBOOK



Name	Dr. I Gusti Made Sanjaya, M.Si.		
Position	Lecturer on Physical Chemistry		
Academic Career	Degree	University	Year
	Bachelor Degree (Chemistry Education)	IKIP Jakarta, Indonesia	1989
	Master Degree (Physical Chemistry)	ITB, Indonesia	1994
	Doctoral Degree (Theory of Chemistry)	ITB, Indonesia	2004
Employment	Position	Employer	
	Associate Professor	Universitas Negeri Surabaya	
Research and Development Project Over the Last 5 Years	Title	Funder	Year
	Development of Extract or Syrup Yacon [<i>Smallanthus sonchifolia</i> (Poepp.Et Endl.) H.Robinson] For Atlite Health	Program Penelitian Kompetitif LPPM DIPA Unesa	2020
	Herbal Effervescent Tablets Formulation to Increase Immunity to Prevent Covid-19	Program Penugasan Pascasarjana DIPA Unesa	2020
	The Development Of Unesa's Long Term Development Plan As PTN-BH	Program Penugasan DIPA Unesa	2020
	Antimicrobial Food Packaging Based on Local Natural Materials as an Effort to Prevent the Spread of Covid-19	Program Penelitian Kompetitif Kebijakan Fakultas FMIPA	2020
	Difference between Physical and Chemical Characteristics of Red and Green Trunked Binahong Extract	Penelitian Kebijakan Fakultas DIPA Unesa	2019
	Carrageenan-Locus Bean Gum As Bioactive Component Coating Material Yacon Extract [<i>Smallanthus sonchifolia</i> (POEPP.ET ENDL.) H. ROBINSON]	Penelitian Guru Besar Unesa	2019
	Utilization of Enzymatic Yeast	Penelitian Dasar Unggulan	2018

	Hydrolysate (YHE) Produced in a variety of Growth Media as Type 2 Diabetes Millitus (OM) Medication by Assessing the Content of Chromium (III)	Perguruan Tinggi	
	Nanogold Cosmetics Manufacturing to Support the Domestic Cosmetics Industry	Penelitian Unggulan Strategis Nasional	2017 - 2018
	Utilization of Enzymatic Yeast Hydrolysate (YHE) Produced in Various Growth Media as Type 2 Diabetes Millitus (OM) Medication by Assessing the Content of Chromium (III)	Penelitian Unggulan Perguruan Tinggi	2017
	Effect of Galangal Extract / Essential Oil Concentration on Galangal Lotion Characteristics	BOPTN Unesa	2017
	Utilization of AC Waste Water as a substitute for distilled water	BOPTN Unesa	2016
Community Service Over The Last 5 Years	Title	Funder	Year
	Training on Producing Handsanitizer Based on Natural Ingredients in Mojosarirejo Village Driyorejo to Support Health Protocols in Pandemic Era	PNBP	2021
	Natural Color Written Batik Business SMEs in Pakandangan Sumenep Madura	DRPM Kemenristek Dikti	2020
	Training on the use of natural dyes in the Sumenep batik industry	PKM Kebijakan Fakultas MIPA Unesa	2019
	Training on the use of virtual laboratories as learning media for high school chemistry teachers in Kediri Regency	PKM Kebijakan Fakultas MIPA Unesa	2018
	Scientific Writing Technique Training enriched with Zotero	PKM Kebijakan Fakultas MIPA Unesa	2017
	IbM Products from earthworm-based preparations (<i>Lumbricus rubellus</i>)	DP2M Ristek-Dikti	2016
	Liquid Soap Making Training in Muncar Banyuwangi as an Entrepreneurial Alternative	PKM Kebijakan Fakultas MIPA Unesa	2016
Industry Collaborations Over the Last 5 Years	Title	Partner	Year
Patents and Property Right	Title	Patent ID	Year
	Unesa Long Term Development Master Plan ss	HAKI 000223909	2020

	PTN-BH		
	Basic Concepts of SD Science Based on the ARICESA Model (Attention, Relevance, Inquiry, Confidence, Enjoyment, Satisfaction, and Self-Assessment)	HAKI EC00201901292/000131930	2018
	Chemistry Literature	ISBN: 978-602-449-063-8	2017
	Model Physics Independent Learning (PIL)	HAKI 02034	2017
	Model Physics Independent Learning Kit	HAKI 02035	2017
	Book Prototype of Basic Science Practicum in SD; Physics Independent Learning (PIL) Model; Electricity and Magnetism	HAKI 02036	2017
	Basic Chemistry	HAKI 083838	2016
Important Publications Over the Last 5 Years	<ol style="list-style-type: none"> 1. Maharani, D.K., Sanjaya, I.G.M., Amaria, Anggraeni M.A., Jannah, L.R. (2021). Molecular Docking Analysis Chitosan-Zeolite-ZnO Nanocomposite and Its Potency Against SARS-CoV-2. <i>IOP Conference Series: Materials Science and Engineering</i> 1125 (1), 012006.. 2. Agustini, R., and Sanjaya, I.G.M. (2019). Characterization of yeast hydrolysate enzymatic (YHE) from yeast fermented in the variation of rice flour. <i>Journal of Physics: Conference Series</i>. Vol.1156, No.2 3. Agustini, R., Sanjaya, I.G.M. and Widodo, A. (2019). The Chemical Properties Comparative Of Yeast Hydrolysate Enzymatic (YHE) From Yeast That Fermented In Rice Flour Variation. <i>Rasayan J. Chem. Vol.12, No.4.</i> 4. Sanjaya, I.G.M., Ismono, I., Taufikurohmah, T., and Wardana, A.P. (2018). Phytochemical Properties of Skin Care Cream Containing Essential Oil of Galangal. <i>Advances in Engineering Research, Atlantis Press Vol. 171(Indexed in Thomson Reuters)</i>, 5. Dewi N.S.A., and Sanjaya, I.G.M. (2018). Study Komputasi Aktivitas Senyawa Turunan Mangiferin sebagai Anti Diabetes Tipe 1 Menggunakan Metode Hksa (Hubungan Kuantitatif Struktur dan Aktivitas) dan Penambatan Molekul. <i>Unesa Journal of Chemistry. Vol. 7, No. 1.</i> 6. Taufikurohmah, T., Wardana, A.P, Tjahjani. S., Sanjaya, I.G.M. (2018). The Clinical Test of Nano gold Cosmetic for Recovering Skin Damage Due to Chemicals: Special Case. <i>IOP Conf. Series: (Indexed in Scopus). Journal of Physics: Conf. Series</i> 947, 012056. 7. Agustini, R., and Sanjaya, I.G.M. (2018). Chromium in Fermented Rice Flour with Bakery's Yeast. <i>Advances in Engineering Research, Atlantis Press. Vol. 171.</i> 8. Taufikurohmah, T. and Sanjaya, I.G.M. (2018). Nanogold's Influence on Antioxidant Activity of Green Tea Extracts in the Framework of New Essential Ingredients Discovery in Cosmetic Formulation. <i>Journal of Physics: Conference Series. Vol. 1108, No. 1.</i> 9. Pujiastuti, M.W., and Sanjaya, I.G.M. (2017). Penentuan Aktivitas Senyawa Turunan Mangiferin Sebagai Antidiabetes pada Diabetes Mellitus Tipe 2 secara In Silico (Determination of the Activity of Mangiferin Derivatives as Antidiabetic in Type 2 Diabetes Mellitus by In Silico). <i>Unesa Journal of Chemistry. Vol. 6, No. 3.</i> 		

Activities in Specialist Bodies Over the Last 5 Years	Organization	Position	Period
	Perkumpulan Pendidik IPA Indonesia	Member	2017-now
	Universitas Dinamika	Advisory Commitee	2011-Now