

## STAFF HANDBOOK



Name	<b>Dr. Pirim Setiarso, M.Si.</b>		
Position	<b>Lecturer on Analytical Chemistry</b>		
Academic Career	Degree	University	Year
	Bachelor Degree	Universitas Gadjah Mada	1987
	Master Degree	Universitas Gadjah Mada	1994
	Doctoral Degree	Institut Teknologi Bandung	2011
Employment	Position	Employer	
	Associate Professor	Universitas Negeri Surabaya	
Research and Development Project Over the Last 5 Years	Title	Funder	Year
	Standarisasi Produk Hand Sanitizer Berbasis Etanol (HSBE) Berbahan Baku Komoditas Lokal dan Limbah Lignoselulosa untuk Mereduksi Potensi Pemalsuan dalam Pencegahan Penularan Covid-19	DRPM	2020-2021
	Fabrikasi Skala Pilot Eco-Batik Unesa Sebagai Upaya Mewujudkan Sustainable Development Goals (SDGs) 2030	PNBP	2021
	Analisis Disinfektan Fenol Secara Siklik Voltametri	PNBP	2020
	Optimalisasi Rekayasa Membran Ultrafiltrasi Berkinerja Tinggi dengan Teknik Inversi Fasa/Imersi-Presipitasi dan Blending Menggunakan Polivinylidene Fluoride, Polisulfon dan Polieterimida sebagai Teknologi Multifungsi Unggulan	DRPM	2017
	Optimalisasi Rekayasa Membran Ultrafiltrasi Berkinerja Tinggi dengan Teknik Inversi Fasa/Imersi-Presipitasi dan Blending	DRPM	2017

	Menggunakan Polivinylidene Fluoride, Polisulfon dan Polieterimida sebagai Teknologi Multifungsi Unggulan		
Community Service Over The Last 5 Years	<b>Title</b>	<b>Funder</b>	<b>Year</b>
	Pelatihan Pembuatan Handsanitizer Berbasis Bahan Alam di Desa Mojosarirejo Driyorejo untuk Mendukung Protokol Kesehatan di Era Pandemi	PNBP	2021
	Penyuluhan Pencegahan Penularan Covid-19 Secara Online dan Pemberian Bantuan Kepada Warga Terdampak di Daerah Kutisari Surabaya	PNBP	2020
	Ipteks bagi Masyarakat UMKM Produsen Sabun Pencuci Piring	PNBP	2018
	Ipteks bagi Masyarakat UMKM Produsen Sabun Pencuci Piring	PNBP	2017
Industry Collaborations Over the Last 5 Years	<b>Title</b>	<b>Partner</b>	<b>Year</b>
Patents and Property Right	<b>Title</b>	<b>Patent ID</b>	<b>Year</b>
	Bubuk Herbal Berbasis Empon Empon Dan Metode Pembuatannya	P00201810039	2020
	Proses Pembuatan Adsorben Logam Berat Pb Dengan Ekstrak Selulosa Kulit Jagung	P00201805128	2018
	Membran Asimetri Polysulfone (PSf) Terlapis Polyvinylidene Fluoride (PVDf) Dan Metode Pembuatannya	P00201805325	2018
	Metode Pembuatan Membran Asimetri Polieterimida (PEI)	P00201606109	2016
	Membran Komposit Polysultone (PSf) - Polyvinylidene Fluortde (PVDf) Dan Metode Pembuatannya	P00201606108	2016
Important Publications Over the Last 5 Years	<ol style="list-style-type: none"> <li>1. <b>Setiarso, P.</b>, and Putri, P.E. (2021). Making of graphene oxide-nanozeolite composite as a working electrode for salicylic acid analysis using cyclic voltammetry. <i>Asian Journal of Science and Technology</i> 12 (01), 11464-11467.</li> <li>2. <b>Setiarso, P.</b>, et.al. (2020). Analisis Disinfektan Fenol Secara Siklik Voltammetri. <i>Jurnal Kimia Riset</i> 5 (2), 134-140.</li> <li>3. Rusnadi, and W.R. <b>Setiarso, P.</b> (2020). Pembuatan Elektroda Nano Karbon Untuk Analisis Logam Pb (II) Secara Siklik Voltametri. <i>Unesa Journal of Chemistry</i> 9 (1)</li> <li>4. <b>Setiarso, P.</b> (2020). Pembuatan Elektroda Kerja Komposit Graphene Oxide Zeolite Untuk Analisis Aspirin Secara Siklik Voltametri. <i>Unesa Journal of Chemistry</i> 9 (1).</li> <li>5. Putri, P.E., and <b>Setiarso, P.</b> (2020). Sintesis Dan Karakterisasi Graphene Oxide-Nanozeolit Sebagai Elektroda Kerja Dalam Siklik Voltametri. <i>Unesa Journal of Chemistry</i> 9 (1).</li> </ol>		

6. **Setiarso, P.**, and Amireza, A. (2019). Synthesizing Graphene Oxide as a Working Electrode for Decreasing pH with Alkaline Water Electrolysis. *International Journal of Chemical Sciences, Vol 16 Issues 2*.
7. Kusumawati, N., **Setiarso, P.**, and Muslim, S. (2019). Polysulfone/ Polyvinylidene Fluoride Composite Membrane: Effect of Coating Dope Composition on Membrane Characteristics and Performance. *Rasayan Journal of Chemistry, Vol 11, No 3 pp: 10341041*.
8. **Setiarso, P.**, and Hidayatulloh, T. (2019) Grapheme Oxide Paraffin as Working Electrode for Cyclic Voltammetry Analysis for Cadmium(II). *Asian Journal Chemistry, Vol 31 No 3*.
9. Amireza, A., and **Setiarso, P.** (2018). Synthesizing Graphene Oxide as a Working Electrode Using Cyclic Voltammetry. *Advances in Engineering Research, Atlantis Press Vol 171*.
10. **Setiarso, P.**, Samik, Rusijono, and Kusumawati, N. (2018). The Production and Characterization of Kaempferia Galanga-L Based Herb Powder: Blanching and Drying Procedure Influence on Proximate, Metal, and Microbial Contamination. *Advances in Engineering Research, Atlantis Press, Vol 171*.
11. Kusumawati, N., **Setiarso, P.**, Muslim, S., and Purwidiani, N. (2018). Synergetic ability of PSf and PVDF to Develop High-Performance PSf/PVDF Coated Membrane for Water Treatment. *Rasayan Journal of Chemistry (RJC), Vol 11 No. 1*.
12. Kusumawati, N., **Setiarso, P.**, Sianita, M.M. and Muslim, S. (2018). Transport Properties, Mechanical Behavior, Thermal, and Chemical Resistance of Asymmetric Flat Sheet Membrane Prepared from PSf / PVDF Blended Membrane on Gauze Supporting Layer. *Indonesian Journal of Chemisty, Universitas Gadjah Mada, Vol 18 No 2 pp: 257-264*.
13. **Setiarso, P.**, and Lukmana, K.M. (2018). Synthesis of Graphene Oxide Electrode for Paracetamol Analysis by Cyclic Voltammetry. *Asian Journal Chemistry, Vol 30 No 10 pp: 2289-2293*.
14. **Setiarso, P.** and Wachid, R. (2017). Pembuatan Elektroda Pasta Karbon Termodifikasi Bentonit untuk Analisis Logam Tembaga (II) Secara Cyclic Voltammetry Stripping. *Indonesian Chemistry and Aplication Journal (ICAJ), Vol 1 No1*.
15. Samik, **Setiarso, P.**, and Sanjaya, I.G.M. (2017). Pemanfaatan Air Buangan Ac (Air Conditioner) sebagai Pengganti Akuades. *Indonesian Chemistry and Aplication Journal (ICAJ), Vol 1 No.1*.
16. Kusumawati, N., Anggarani, M.A., Rusijono, **Setiarso, P.**, and Muslim, S. (2017). Product Standardization of Ginger (Zingiber Officianale Var Rubrum) Simplicia through Washing Time, Slice Thickness and Raw Materials Drying Process Optimation. *Insight Indonesian Society for Knowledge and Human Development. Vol 7 No 1*.
17. Habibah Z.N., and **Setiarso, P.** (2016). Pembuatan Elektroda Pasta Karbon Termodifikasi Bentonit untuk Analisis Ni(II) pada Kerang Darah (Anadara Granosa) secara Voltametri Siklik. *Unesa Journal of Chemistry, Vol 5 No 2*.

Activities in Specialist Bodies Over the Last 5 Years	Organization	Position	Period