



**MINISTRY OF RESEARCH, TECHNOLOGY, AND HIGHER EDUCATION  
UNIVERSITAS NEGERI YOGYAKARTA**

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**STAFF HANDBOOK**

**A. Personal Identity**

1.	Full Name	Prof. Dr. Suyanta, MSi
2.	Functional Position	Guru Besar
3.	NIP	19660508 199203 1 002
4.	Place and Date of Birth	Blora, 08 Mei 1966
5.	Phone	-
6.	Office Address	Juridik Kimia FMIPA UNY Karangmalang Yogyakarta 55281
7.	Telephon/Fax	(0274)548203
8.	E-mail	suyanta@uny.ac.id
9.	Specific Expertise	Kimia Analitik (Elektrokimia Analisis)
10.	Subjects taught	Kimia Analisis II
		Kimia Analisis Instrumen
		Metode Pemisahan dan Analisis Kimia
		Elektrokimia Analisis
		Praktikum Kimia Analisis Instrumen
		Kimia Larutan dan Elektrokimia Analisis
		Penulisan Karya Ilmiah

**B. Educational Background**

Program	S1	S2	S3
1. Institution Name	IKIP Yogyakarta (UNY)	Universitas Gadjah Mada	Intitut Teknologi Bandung
2. Field	Pendidikan Kimia	Kimia Analitik	Kimia Analitik
3. Graduation Year	1991	1998	2006

**C. Training Experience**

No	Training Field	Organizer	Year	Certificate
1	-			

#### D. Research Experiences

No	Year	Research Title	Funding	
			Source	Amount (Milion Rp)
1	2014	Pemisahan Logam Kalsium (II), Besi(II) dan Magnesium(Mg) pada Sungai Bawah tanah Baron dengan Zeolit Alam Secara Kromatografi Adsorpsi	BLU FMIPA	10
2	2014	Implementasi Kurikulum 2013 pada Pendidikan Dasar dan Menengah di Daerah Istimewa Yogyakarta	BLU UNY	40
3	2015	Pemisahan ion logam Ca, Fe dan bakteri coli dalam air sumur di desa Donotirto Kretek Bantul dengan Zeolit secara kromatografi adsorpsi	BLU UNY	20
4	2016	Pengembangan alat pengolahan Biodiesel	BLU FMIPA	10
5	2016	Pengembangan Instrumen Evaluasi untuk system berpikir tingkat tinggi Materi Kimia	Hibah Pasca	110
6	2017	Pengembangan Instrumen Evaluasi untuk system berpikir tingkat tinggi Materi Kimia	Hibah Pasca	134
7	2017	Development Of Integrated Electrocoagulation-Electrodisinfection (Ec-Ed) System For Treatment Of Swimming Pool Water	KLN	100
8	2018	Validasi Metode Analisis Ion Logam Tembaga Dan Besi Secara Spektrofotometri Dan Voltametri	RG	15
9	2018	Pengembangan Instrumen Evaluasi untuk system berpikir tingkat tinggi Materi Kimia	Hibah Pasca	150
10	2018	Pemetaan Pendidikan Dasar Kabupaten Temanggung	Riset Kerjasama	140
11	2018	Desain Pengembangan Fasilitas Sekolah di Era Revolusi Industri 4.0	Riset Kerjasama DPSMK	200

#### E. Community Service Experiences

No	Year	Community Service Title	Funding	
			Source	Amount (Milion Rp)
1	2014	Memberikan Pelatihan siswa-siswa SMA 1 Bloro tentang Penulisan Karya Ilmiah Remaja		
2	2014	Sebagai Pemateri dalam Workshop dengan Judul: "Paradikma dalam Pembelajaran di Perguruan Tinggi" di STMIK Jenderal Achmad Yani YK		
3	2014	Sebagai Pemateri dalam Workshop dengan Judul: Penyusunan dan Pengembangan Kurikulum Program S1 Berorientasi KKNi yang diselenggarakan di UII Yogyakarta		

4	2015	Memberikan Pelatihan siswa-siswa SMA 1 Blora tentang Penulisan Karya Ilmiah Remaja		
5	2016	Memberikan Pelatihan siswa-siswa SMA 1 Blora tentang Penulisan Karya Ilmiah Remaja		
6	2016	Memberikan Pendampingan dalam penyusunan Learning outcome Jurusan Pendidikan Kimia FMIPA UNG		
7	2017	Hilirisasi Teknologi Pengolahan Air Minum Sistem Adsorpsi-Filtrasi Coulom untuk Masyarakat Desa Donotirto Kretek Kabupaten Bantul		
8	2018	Pembinaan Usaha Tradisional Lanting Kuning desa Banyubiru Bruno Purworejo		
9	2018	Pelatihan Praktikum Laboratorium Kimia bagi Guru2 Kimia Kota Yogyakarta		

**F. International Seminar/Workshop/Convention Experience**

No	International Seminar/Workshop	Year	Position (Participant/Presenter/ Keynote Speaker)
1	Seminar Internasional ICSEI , UNY dan ICSEI	2014	Presenter
2	Internasional Seminar ICRIEM, FMIPA UNY	2014	Presenter Team
3	International Conference on Mathematics, Sciences, Technology, Education, And Their Applications, UNM Makasar	2014	Presenter
4	International Conference on Mathematic and Natural Science, ICRIEMS-2, FMIPA UNY	2015	Presenter
5	International Seminar on Mathematic nad Natural Science, FMIPA UNIMA	2015	Presenter
6	Internasional konferensi on education ICERI, LPPM UNY	2016	Committe
7	International Seminar on Mathematic nad Natural Science, FMIPA UNIMED	2016	Invited Speaker
8	Workshop Internasional Kimia dan Terapannya, Mahidol University Tahilanf	2017	Invite speaker
9	International Conference on Chemistry, HKI dan UNSRI Palembang	2017	Invite speaker
10	ICRIEMS, FMIPA UNY	2018	Co-Presenter
11	International Conference on Chemistry, HKI dan UNCen Jayapura	2018	Presenter
12	ICERI, LPPM UNY	2018	Participant

### G. Local and National of Seminar/Workshop/Convention Experience

No	Local and National Seminar/ Workshop/ Convention	Year	Position (Participant/ Presenter/ Keynote Speaker)
1	Seminar Nasional Akreditasi, Univ. Dr. Sutomo, Surabaya	2014	Presenter
2	Seminar Nasional Kimia, FMIPA UNY	2016	Presenter

### H. Publication on International Journal

No	Title	Year	Journal Name and Edition
1	Differential Adsorptive Stripping Voltammetric Determination Of Ultra Trace Lanthanum (III) based on Carbon Paste Electrode Modified With 3-Methyl-2-hydrazinobenzothiazole	2014	International Journal of Electrochemical Science 9(7763-7772)
2	Development of Chloride Electrode Coated Wire and Composite Systems For Determination Chloride Ion in Gunungkidul Spring Water	2014	Journal of chemistry and Chemical Engineering 8(662-667)
3	Exploring Item Validity : Critical Science Process Skill Integrated Assessment Instrument on Electrolyte Solution and Acid Base Matter	2017	International Journal Science and Tecknology
4	Chloroplatinum(II) complex-modified MWCNTs paste electrode for electrochemical determination of mercury in skin lightening cosmetics	2017	Electrichimia acta Edisi 253
5	Developing Subject Specific Pedagogy Of Natural Science Based Problem-Based Learning Model To Increase Students'scientific Literacy And Learning Outcomes	2017	International Journal Science and Tecknology
6	Swimming Pool Water Treatment by Electrocoagulation Technicque with Aluminum-Graphite Electrode.	2018	internasional, Biological and Chemistry Research,
7	Chloroplatinum(II) complex-modified MWCNTs paste electrode for electrochemical determination of mercury in skin lightening cosmetics.	2018	International, Electrochemica acta
8	Novel One Pot Synthesis of Alkaline-reduced Iron Oxide/graphene Nanocomposites for Amperometric Non-enzymatic Glucose Sensor	2018	International Journal of Electroche,mical Science
9	Study Of Lanthanum Complexation With Macrocycles Compound And Their Characterisation As Ion Selective Electrode For Analysis Of Lanthanum In Monasit Mineral	2011	Prosiding Seminar Internasional di Bangkok, Thailand
10	Preparation and Characterization Lanthanum(III)-MBTH Carbon Paste Working Electrode by Differential Stripping Voltammetry	2013	Prosiiding Seminar Internasional Elektrokimia, Changchun China
11	The Teacher Professional Development Through Lesson Study in Indonesia : A Success Story From	2014	Prosiding ICSEI 27

	Yogyakarta		
12	Separation Of Ca(II) And Mg (II) Metal Ion Underground River Water In Baron With Activated And Inactivated Zeolite By Fixed Bed Column Adsorption Method	2014	Prosiding International Conference on Mathematics, Sciences, Technology, Education, And Their Applications
13	Implementasi kurikulum 2013 di sekolah	2015	Prosiding Internasional seminar UNIMA
14	Implementasi elektrokimia in analysis of chemistry	2016	Prosiding Insternasional seminar UNIMED
15	An Integrated Assessment Instrument: Developing and Validating Instrument for Facilitating Critical Thinking Abilities and Science Process Skills on Electrolyte Solution Matter	2016	Prosiding International Seminar, Pascasarjana FSM UPSI Malaysia
16	Opportunity Integrated Assessment Facilitating Critical Thinking and Science Process Skills Measurement on Acid Base Matter	2016	Prosiding International Seminar, Pascasarjana FSM UPSI Malaysia
17	Application of Electrochemistry in Sensor and Separation:	2017	Workshop International Mahidol University
18	Electrocoagulation Technic For Improvement Quality Of Swimming Pool Water	2017	International conference on Chemistry, HKI dan UNSRI
19	The Effect of Problem Base Learning Methods on Student Learning Independence Learning in High School	2018	International conference on Chemistry, HKI dan UNCen

#### I. Publication on National Journal

No	Title	Year	Journal Name and Edition
1	Pemisahan Ca dan Fe dalam air kolam renang Secara Kolom Adsorpsi	2015	JSD FMIPA UNY
2	Modification of Kelud Volcanic Ash 2014 as Selective Adsorbent Material for Copper(II) Metal Ion	2016	JSD FMIPA UNY, Edisi April
3	Efektivitas Zeolit Alam Sebagai Penyerap Logam Tembaga(II) Dalam Air Kolam Renang Dengan Metode Adsorpsi Kolom	2016	Jurnal Saintek LPPM UNY, Edisi November
4	Penentuan Konstanta Kestabilan Kompleks Ion Logam La(III), Ce(III) dan Cu(III) dengan Ligan N, N'-Dikarboksimetil-Diaza-18-Crown-6b Secara Titrasi Potensiometri	2010	Prosiding Seminar Nasional Kimia UNY
5	Study Of Ion Selective Electrode Based On Ionophore 3-Methyl-2-Benzothiazole Hydrazone (MBTH) For Lanthanum Ion In Potentionetric Analysis	2011	Prosiding Seminar Nasional HKI Pekanbaru
6	Perbedaan analisis ion Kalsium dengan teknik AAS dan ICP-AE	2016	Prosiding Semnas Kimia FMIPA UNY

**J. Book Writing Experience**

No	Year	Title	Number of pages	Publisher
1	2012	Potensiometri, Seri Analisis Elektrokimia		UNY Press
2	2010	Pengembangan Ilmu Humaniora, Teori dan Aplikasi		UNY
3	2013	Modul PLPG Kimia		Konsorsium Sertifikasi Guru UNY
4	2014	Analytical Chemistry II Labwork		-

**K. Structural Position Experience**

No	Position	Year	Description
1	Kepala Lab Kimia	1998-2001	Universitas Negeri Yogyakarta
2	Koordinator Lab Kimia	1999-2001	Universitas Negeri Yogyakarta
3	Tim Pengembang Lab Kimia Proyek JICA	1999-2001	Universitas Negeri Yogyakarta
4	Ketua Pengembang Ilmu Humaniora	2007- 2010	Universitas Negeri Yogyakarta
5	Staf Ahli Wakil Rektor I	2007-2008	Universitas Negeri Yogyakarta
6	Anggota Tim Adhock Sarpras BSNP	2009	BSNP Jakarta
7	Ketua Jurusan Pendidikan Kimia	2006-2011	Universitas Negeri Yogyakarta
8	Sebagai Reviewer Penelitian TG/RG I-MHERE	2010-2013	Dikti
9	Sebagai Sekretaris HKI Cabang Yogyakarta	2010-2014	HKI DIY
10	Sebagai Wakil Ketua HKI Cabang Yogyakarta	2014-sekarang	HKI DIY
11	Sebagai Reviewer Penelitian Desentralisasi UNY	2011-sekarang	Universitas Negeri Yogyakarta
12	Wakil Dekan I	2011-2016	FMIPA UNY
13	Ketua LPPM UNY	April 2016-sekarang	UNY
14	Ketua Devisi Pendidikan Kimia Himpunan Kimia Indonesia	Oktober 2016-sekarang	Nasional
15	Ketua Forum Ka LPPM LPTK Negeri Indonesia	September 2017-sekarang	Nasional

**L. Professional Experience**

No	Position	Year	Description

**M. Profesional Organizational Membership**

No	Professional Organizational Name	Year	Position

Thus this biodata made in truth to use properly.

Yogyakarta, 2 Januari 2019

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