



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

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STAFF HANDBOOK

A. Personal Identity

1.	Full Name	Prof. Anti Kolonial Prodjosantoso, Ph.D.
2.	Functional Position	Guru Besar
3.	NIP	196010281985031002
4.	Place and Date of Birth	Purworejo, 28-10-1960
5.	Home Address	Plosokuning II, RT 06 RW 03, Minomartani, Ngaglik, Sleman, Yogyakarta
6.	Telephone/ Fax	-
7.	Phone	-
8.	Office Address	Juridik Kimia FMIPA UNY Karangmalang Yogyakarta 55281
9.	Telephone/ Fax	(0274)548203
10.	E-mail	Prodjosantoso@uny.ac.id
11.	Specific expertise	Kimia Anorganik
12.	Subjects taught	a. Kimia Anorganik I
		b. Kimia Anorganik II
		c. Kimia Anorganik III
		d. Praktikum Kimia Anorganik I
		e. Praktikum Kimia Anorganik II
		f. Kimia Analisis Anorganik
		g. Kimia Dasar I
		h. English for Chemistry

B. Educational Background

Program	S1	S2	S3
1. Institution Name	IKIP Yogyakarta (UNY)	Sydney University, Australia	Sydney University, Australia
2. Major	Pendidikan Kimia	Inorganic Chemistry	Inorganic Chemistry
3. Year of Entry	1979	1994	1997
4. Graduation Year	1984	1996	2001

5. Title of Undergraduate Thesis/ Master Thesis/ and Dissertation	Penentuan kadar gas karbon monoksida di Kota Yogyakarta	Towards synthesis the chloride-free catalysts	Synthesis Portland cement components
6. Promotor	Drs. Supangat, Drs. Tonton Suprihatin.	Prof. Brendan J. Kennedy	Prof. Brendan J. Kennedy

C. Training Experiences

No	Training Field	Organizer	Year	Certificate
1				
2				

D. Research Experiences

No	Year	Research Title	Funding	
			Source	Amount (Million Rp)
1.	2013-2014	Pengembangan Media Komik IPA Terpadu Berbasis Pendidikan Karakter Untuk Peserta Didik SMP (Tahun ke- 1 dan 2)	Dikti	120
2.	2014-2016	Development of Solid State Dye-Sensitized Solar Cell Based on Nitrogen-Doped TiO ₂ (Tahun ke-1, 2 dan 3)	Dikti	300
3.	2015-2016	Pemanfaatan Senyawa Ca _{1-x} Co _x TiO ₃ sebagai Fotokatalis pada Reaksi Degradasi Polutan Organik (Tahun ke-1 dan 2)	Dikti	130
4.	2017	Pengembangan Metode Ostwald Ripening pada Sintesis Material CH ₃ NH ₃ PbX ₃ (X=I dan Br) untuk Meningkatkan Efisiensi dan Kestabilan Sel Surya Perovskite	Ristekdikti	150
5.	2018	Pembelajaran Ipa Berorientasi Next Generation Science Standar untuk Menumbuhkan Scientific Skill Peserta Didik	Ristekdikti	160

E. Community Service Experiences

No	Year	Community Service Title	Funding	
			Source	Amount (Million Rp)
1.	2013	Pelatihan Implementasi Penelitian Tindakan Kelas Bagi Guru Kimia Sekolah Menengah Atas di DIY	DIPA UNY Yogyakarta	4
2.	2014	Pelatihan Penyusunan Subject Specific Pedagogy (Perangkat Pembelajaran) bagi Guru Kimia SMK untuk Mendukung	DIPA UNY Yogyakarta	4

No	Year	Community Service Title	Funding	
			Source	Amount (Million Rp)
		Implementasi Kurikulum 2013		
3.	2015	Penyuluhan Bahaya dan Cara Mengelola Bahan Kimia Beracun dan Berbahaya (B3) bagi Ibu Rumah Tangga di Sleman	DIPA UNY Yogyakarta	4
4.	2016	Penyuluhan Bahan Pewarna dalam Kehidupan Sehari-hari bagi Ibu Rumah Tangga di Sleman	DIPA UNY Yogyakarta	4
5.	2017	Pembinaan OSN Kimia	Dikpora DIY	5
6.	2018	Penyuluhan tentang penggunaan Insektisida bagi Ibu Rumah Tangga di Sleman	DIPA UNY Yogyakarta	4

F. International Seminar/ Workshop/ Convention Experiences

No	International Seminar/ Workshop/ Convention	Year	Position (Participant/ Presenter/ Keynote Speaker)
1.	ICICS	2014	Presenter
2.	IPCSM	2014	Participant
3.	2 nd ICRIEMS	2015	Keynote Speaker
4.	3 rd ICRIEMS	2016	Presenter
5.	4 th ICRIEMS	2017	Presenter
6.	5 th ICRIEMS	2018	Participant

G. Local and National Seminar/Workshop/ Convention Experiences

No	Local and National Seminar/Workshop/Convention	Year	Position (Participant, Presenter, Keynote Speaker)

H. Publication on International Journals

No	Title	Year	Journal Name and Edition
1	Synchrotron X-ray diffraction study of the Ba _{1-x} SrSnO ₃ solid solution	2019	Journal of Solid State Chemistry 200, 241-245, 2013 https://www.sciencedirect.com/science/article/pii/S0022459613000315
2	Pengembangan Media Komik IPA Terpadu Berbasis Pendidikan Karakter Untuk	2013	Cakrawala Pendidikan

No	Title	Year	Journal Name and Edition
	Peserta Didik SMP		
3	Preparation of Copper Nanoparticles as Starting Materials for Copper Clay Production		Asian Journal of Science and Technology 084, 409-4412, 2017 www.journalajst.com/sites/default/files/3950_0.pdf
4	Synchrotron X-Ray Diffraction Studies of β - $\text{Ca}_{2-x}\text{M}_x\text{SiO}_4$ (M = Mg and Sr)	2017	Turkish Journal of Chemistry 41, 548-558, 2017 journals.tubitak.gov.tr/chem/issues/kim-17-41-4/kim-41-4-7-1701-28.pdf
5	Synthesis and Characterization of $\text{Ca}_{1-x}\text{Co}_x\text{TiO}_3$ and Its Photocatalytic Activity on Methylene Blue Photodegradation	2017	Asian Journal of Chemistry 29, 1270-1274, 2017 www.asianjournalofchemistry.co.in/User/ViewFreeArticle.aspx?ArticleID=29_6_18
6	Synchrotron X-Ray Diffraction Study of The $\text{BaPb}_{1-x}\text{Sn}_x\text{O}_3$ Solid Solution	2017	Asian Journal of Chemistry 29, 1717-1722, 2017 http://www.asianjournalofchemistry.co.in/User/ViewFreeArticle.aspx?ArticleID=29_8_19
7	Tin(IV) Oxide-Supported Cobalt Oxides Catalysts for Methylene Blue Photodegradation,	2017	Research Journal of Chemistry and Environmental 21, 12-20, 2017 https://www.researchgate.net/profile/Anti_Prodjosantoso/publication/321697416_TinIV_oxide-supported_cobalt_oxides_catalysts_for_methylene_blue_photodegradation/links/5a325a2ba6fdcc9b2d99c83a/TinIV-oxide-supported-cobalt-oxides-catalysts-for-methylene-blue-photodegradation.pdf
8	MIER Journal of Educational Studies, Trends and Practices	2017	A Survey Analysis Of Pre-Service Chemistry Teachers'critical Thinking Skills 8, 1, 2018 http://mierjs.in/ojs/index.php/mjestp/article/download/173/149
9	Oriental Journal of Chemistry	2018	The use of Copper Oxides

No	Title	Year	Journal Name and Edition
			Supported Onto Biogenic Silica from the Leaves of Dendrocalamus Asper for Degradation of Congo Red 34, 3, 2018 http://www.orientjchem.org/vol34no3/the-use-of-copper-oxides-supported-onto-biogenic-silica-from-the-leaves-of-dendrocalamus-asper-for-degradation-of-congo-red/
10	Oriental Journal of Chemistry	2018	Hydration of Strontium-doped Monocalcium Aluminate 34, 1, 2018 http://www.orientjchem.org/pdf/vol34no1/OJC_Vol34_No1_p_444-449.pdf
11	Asian Journal Of Chemistry	2018	Preparation and Characterization of Indonesian Natural Zeolite-Supported PbO Photocatalysts 30, 8, 2018 http://doi.org/10.14233/ajchem.2018.21036
12	Asian Journal Of Chemistry	2018	Hydrothermal Synthesis of Chloride Free Nitrogen Doped TiO ₂ Nanoparticles 30, 6, 2018 http://doi.org/10.14233/ajchem.2018.21140
13	Oriental Journal of Chemistry	2018	N-Doped TiO ₂ /CdS Nanocomposite Films: Silar Synthesis, Characterization and Application in Quantum Dots Solar Cell 34, 3, 2018 http://dx.doi.org/10.13005/ojc/340313

I. Publication on National Journals

No	Title	Year	Journal Name and Edition

J. Book Writing Experience

No	Year	Title	Number of pages	Publisher
1.	2015	Kimia Lingkungan	155	PT Kanisius
2.	2016	Padatan Anorganik	182	UNY Press

K. Structural Position Experience

No	Position	Year	Description
1.			
2.			

L. Professional Experience

No	Position	Year	Description
1			
2			

M. Professional Organizational Membership

No	Professional Organizational Name	Year	Position
1			
2			

N. Patents and Proprietary Right

No	Title	Year	Nomor Hak Cipta

Thus this biodata made in truth to use properly.

Yogyakarta, 05/07/2019



Prof. AK Prodjosantoso, Ph.D.
NIP. 196010281985031002