



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

Jalan Kolombo No. 1, Yogyakarta 55281 Telp. (0274) 586168 Hunting, Fax.
(0274) 565500

Rector Telp./Fax.: (0274) 512192; Vice Rector I Telp./Fax.: (0274) 561634;
Vice Rector II Telp./Fax. : (0274) 512851; Vice Rector III Telp./Fax. :
(0274) 548205; Vice Rector IV Telp./Fax. : (0274) 555782; Homepage :
<http://www.uny.ac.id>, E-mail : humas@uny.ac.id

STAFF HANDBOOK

A. Personal Identity

1.	Full Name	Dr. Dyah Purwaningsih, M.Si.
2.	Functional Position	Lektor (300)
3.	NIP	19780722 200312 2 001
4.	Place and Date of Birth	Kulon Progo, 22 Juli 1978
5.	Home Address	Jl. Nusa Indah No. 14, Kenteng, Nogotirto, Gamping, Sleman, Yogyakarta, 55292
6.	Telephone/ Fax	0274-632244
7.	Phone	-
8.	Office Address	Juridik Kimia FMIPA UNY Karangmalang Yogyakarta 55281
9.	Telephone/ Fax	(0274)548203
10.	E-mail	dyah_purwaningsih@uny.ac.id
11.	Specific expertise	Kimia Anorganik
12.	Subjects taught	a.Kimia Anorganik Non Logam
		b.Teknologi Nanokimia
		c.Kimia Umum
		d.Ilmu Alamiah Dasar

B. Educational Background

Program	S1	S2	S3
1. Institution Name	UGM	UGM	UGM
2. Field	Kimia	Kimia Lingkungan	Kimia Anorganik Material
3. Year of Entry	1996	2005	2012
4. Graduation Year	2001	2007	2018
5. Title of	Isolasi dan identifikasi	Interaksi Cr(III) dan	Sintesis $\text{LiM}_x\text{Mn}_{2-x}\text{O}_4$

Undergraduate Thesis/ Master Thesis/ and Dissertation	senyawa flavonoid dari daun kacang panjang (Vigna sinensis L. savi Ex. Hassk)	Cr(VI) pada Gugus Etilendiamin yang Terimobilisasi pada Silika Melalui Proses Sol-Gel	(M: Co, Ni, Cr) dengan Metode Simple Solid-State dan Uji Kinerjanya dalam Baterai Lithium
6. Nama Pembimbing/ Promotor	<ul style="list-style-type: none"> • Prof. Dr. Sabirin Matsyeh • Dr. Winarto Haryadi 	<ul style="list-style-type: none"> • Prof. Dr. Narsito • Prof. Dr. Nuryono 	<ul style="list-style-type: none"> • Dr. Roto, M.Eng • Prof. Dr. Hari Sutrisno

C. Training Experience

No	Training Field	Organizer	Year	Certificate
1.	Indonesian Professional Development Program at University of Sydney	DIKTI	2009	-

D. Research Experiences

No	Year	Research Title	Funding	
			Source	Amount (Million Rp)
1.	2012-2014	Sintesis dan Karakterisasi Elektroda Positif $Li_{1+x}Mn_{2-x}O_4$ dengan Metode Pengendapan Matriks Polimer untuk Aplikasi Baterai Litium	RISTEK-DIKTI	90
2.	2014	Modifikasi Kimia Dan Karakterisasi Nanopartikel Semikonduktor Titanium Dioksida Terdadah Kromium Atau Vanadium Dengan Metode Pengendapan Basa Untuk Material Antibakteri	RISTEK-DIKTI	-
3.	2016	Sintesis $Li_{1+x}Mn_{2-x}O_4$ dengan Metode <i>Simple Solid-State</i> dan Uji Kinerjanya dalam Baterai Lithium	RISTEK-DIKTI	46,5
4.	2017	Pengembangan Material $LiM_xMn_{2-x}O_4$ (M: Co, Ni, Cr) dan Uji Kinerjanya Sebagai Elektroda Positif Baterai Litium	RISTEK-DIKTI	75
5.	2019	Sintesis $LiM_xMn_{2-x}O_4$ (M: Co, Ni, Cr) dengan Metode Simple Solid State berbantuan iradiasi gelombang mikro dan aplikasinya sebagai elektroda posutuf baterai lithium	DIPA UNY	20
6.	2019	Pengembangan material graphene nanosheet untuk aplikasi superkapasitor	DIPA UNY	5

E. Community Service Experience

No	Year	Community Service Title	Funding	
			Source	Amount (Million Rp)
1.	2019	Pelatihan Pengembangan Context Based-Learning untuk meningkatkan literasi kimia bagi Guru SMA	DIPA UNY	1,5

F. International Seminar/ Workshop/ Convention Experiences

No	International Seminar/ Workshop/ Convention	Year	Position (Participant/ Presenter/ Keynote Speaker)
1.	ICRIEMS	2014	Presenter
2	ICMSET	2014	Presenter
3.	ICAMS	2014	Presenter
4.	ICRIEMS	2015	Presenter
5.	AMAM	2015	Presenter
6.	JCC	2015	Presenter
7.	NNS	2015	Presenter
8.	ICRIEMS	2016	Presenter
9.	6 th EUCHEMS CHEMISTRY CONGRESS	2016	Presenter
10.	ICCHEM	2018	Presenter
11.	ICSTR	2018	Presenter

G. Local and National Seminar/ Workshop/ Convention Experiences

No	Local and National Seminar/ Workshop/ Convention	Year	Position (Participant/ Presenter/ Keynote Speaker)
1.	Workshop on Advanced Material on Application on TEM	2013	Participant
2.	Workshop on Nanotechnology	2013	Participant
3.	Workshop on Crystallography "IuCr-Bruker Open Lab Indonesia"	2014	Participant
4.	International School on Solid-state ionics	2014	Participant

H. Publication on International Journals

No	Title	Year	Journal Name and Edition
1.	Preparation of LiMn ₂ O ₄ microstructure by low temperature solid-state reaction for	2015	Advanced Materials Research, Vol.

	cathode materials		1101(2015) pp. 134-137,
2.	Effects of Li/Mn mole ratio on the synthesis of $\text{Li}_{1+x}\text{Mn}_{2-x}\text{O}_4$ by low temperature solid-state reaction for cathode materials	2015	ProScience, Vol. 2/pp.65-70
3.	Synthesis of $\text{LiCo}_x\text{Mn}_{2-x}\text{O}_4$ by low temperature solid-state reaction for cathode materials	2015	Advanced Materials Research, Vol. 1123(2015) pp. 100-103.
4.	Synthesis of $\text{LiNi}_x\text{Mn}_{2-x}\text{O}_4$ by low temperature solid state reaction and its microstructure	2016	Materials Research and Engineering, 107/ 012033
5.	Structural Characterization of $\text{LiCr}_x\text{Mn}_{2-x}\text{O}_4$ via A Simple Reflux Technique	2017	AIP, Vol. 1823, 2017, 0201001-0201006
6.	Physico-Chemical Properties of $\text{LiM}_{0.10}\text{Mn}_{1.90}\text{O}_4$ (M: Co, Ni, Cr) for Potential Cathode Materials	2017	Asian Journal of Chemistry, Vol. 29, No.7, 2017, 1466-1470
7.	Structural Analysis of $\text{LiNi}_x\text{Mn}_{2-x}\text{O}_4$ prepared by irradiation microwave assisted reflux technique	2019	Oriental Journal of Chemistry, Vol, 35 No.1

I. Publication on National Journal

No	Title	Year	Journal Name and Edition
1.	Effect of V-dopant physico-chemical properties of vanadium-doped anatase synthesized via simple reflux technique	2016	Journal of Mathematics and Fundamental Sciences

J. Book Writing Experience

No	Year	Title	Number of pages	Publisher
1				
2				

K. Structural Position Experience

No	Position	Year	Description
1			
2			

B. Professional Experience

No	Position	Year	Description
1.			
2.			

C. Professional Organizational Membership

No	Professional Organizational Name	Year	Position
1.	Himpunan Kimia Indonesia	2012-....	Member
2.	Royal Society of Chemistry	2015-....	Member

Thus this biodata made in truth to use properly.

Yogyakarta, March 1st, 2019



Dr. Dyah Purwaningsih
NIP 19780722 200312 2 001