

CURRICULUM VITAE

A. Personal Identity

1	Name	Bayu Wiyantoko, S.Si., M.Sc.
2	Gender	Male
3	Academic Grade	Assistant Professor
4	Marital status	Married
5	Place and date of birth	Jakarta, April 27 th 1984
6	Home Address	SosrowijayanWetan GT. I/50 Yogyakarta 55271
7	E-mail	bayuwiyantoko@uii.ac.id
8	Phone number	081578713368
9	Office Address	Kampus Terpadu UII Gedung Prof. Dr Zanzawi Soejoeti FMIPA UII Jl. Kaliurang Km 14,5 Sleman Yogyakarta 55584

B. Educational Background

	Bachelor Degree	Master Degree
University	Islamic University of Indonesia	Gadjah Mada University
Field of Study	Chemistry	Chemistry
Year	2002-2006	2008-2011
Undergraduate Thesis/Thesis/Dissertation	Adsorption of phenolic compound using Montmorillonite Modified Hexamethylenetetramine (HMTA)	Synthesis of Composite PVA-Zeolite-Clay and Adsorption-Desorption Study Toward Ethanol-Water Mixture
Supervisor	Dr. Is Fatimah, M.Si Dr. Dwiwarso Rubiyanto, M.Si	Dr. YatemanArryanto Dr. Eko Sri Kunarti

C. Research Experience

No	Year	Research Title
1	2018	Activation of Natural Clay as a Catalyst in the Hydrolysis of Pineapple Leaves into Glucose
2	2016	Application of Role Playing with Self Assessment in Chromatography Practicum
3	2016	Characterization of Calcined Mg / Al Hydrotalcite as Adsorbent of Organic Compounds
4	2015	Modification of natural adsorbent pores in order to improve the quality of patchouli oil
5	2015	<i>Dye wastewater treatment for batik industry using modified mesoporous natural zeolite, bagasse and rice husk by CTABr</i>
6	2015	Synthesis and Characterization of Modified Natural Montmorillonite with Amine Compounds
7	2015	Synthesis, Characterization and Application of Surfactant Modified Hydrotalcite Mg / Al With Ex Situ And In Situ Synthesis
8	2013	The Effect of Mg / Al Molar Ratio on Cr (VI) Metal Adsorption Properties in Hydrotalcite Materials
9	2013	Patchouli Oil Quality Improvement for Export Using Natural Adsorbents

D. Article Publish in Journal

No	Year	Article Title	Journal
1	2020	Butterfly Pea (<i>Clitoria Ternatea</i> L.) Extract as Indicator of AcidBase Titration	Indonesian Journal of Chemical Analysis
2	2019	Analysis of total hardness, lead (Pb), and cadmium (Cd) in well water using complexometric titration method and atomic absorption spectrophotometry	Indonesian Journal of Chemical Analysis
3	2017	Effect of Aging Time on Modification of Natural Zeolite Pore with Cetyltrimethylammonium Bromide (CTABr)	Jurnal Sains dan Teknologi
4	2017	Improvement of Learning Outcomes Inorganic Chemistry Through Cooperative Learning Approach Types Student Teams Achievement Divisions with The Help of Molybdenum Probes	International Journal of Chemistry Education Research
5	2017	Phenol Adsorption With 4: 1 Mg / Al Hydrotalcite Modified Sodium Dodecyl sulfate (SDS) In Situ and Ex Situ	Jurnal Sains dan Teknologi
6	2017	Determination of total nitrogen, water content, and lead contamination in solid inorganic Nitrogen Phosphorus Potassium Fertilizer	Jurnal Sains dan Teknologi
7	2015	Synthesis and Characterization of Hydrotalcite at Different Mg/Al Molar Ratio	Procedia of Chemistry
8	2014	Decreasing in Acid Number of Pachouli Oil by Different Natural Adsorbent and Variation of Contact Time	Eksakta
9	2014	Adsorption Isotherm of Cr(VI) Using Mg/Al Hydrotalcite with Molar Ratio 2:1	Eksakta
10	2014	Kinetic Study of Cr(VI) Adsorption on Hydrotalcite Mg/Al with Molar Ratio 2:1	Eksakta

E. Publication in Proceeding

No	Scientific Meeting and Seminar	Title of Article	Time and place
1	The 2 nd International Conference on Chemistry, Chemical Process and Engineering (IC3PE)	Comparison Method of Calcium Analysis on Filter Layer Water from Borobudur Temple Using Automatic Titration and Atomic Absorption Spectrophotometer	August 14 th , 2018/Yogyakarta
2	The 2 nd International Conference on Chemistry, Chemical Process and Engineering (IC3PE)	Validation of Phosphorus Analysis on Solid Inorganic Fertilizer Using Spectrophotometry UV-Visible	August 14 th , 2018/Yogyakarta
3	The 2 nd International Conference on Chemistry, Chemical Process and Engineering (IC3PE)	Determination of Ash Content in Coal Using In-House Reference Materials	August 14 th , 2018/Yogyakarta

4	International Conference on Chemistry, Chemical Process and Engineering (IC3PE)	Phenolic Removal Using Phenylamine Modified Montmorillonite	November 15-16, 2016 Yogyakarta
5	The 2 nd International Seminar on Chemical Education (ISCE)	Measurement of cation exchange capacity (CEC) on natural zeolite by percolation method	September 12-13, 2017 Yogyakarta
6	The 1 st International Seminar on Chemical Education (ISCE)	Mesopore Modified Bagasse for Improving Patchouli Oil Quality	September 30, 2015 Yogyakarta
7	The 3 rd International Seminar on Chemistry 2014	Synthesis and Characterization of Hydrotalcite At Different Mg/Al Molar Ratio	November 20-21, 2014 Bandung

G. Certificate

No	Certificate	Year
1	Lecturer certification	2017
2	Competency assessor	2015
3	Gravimetry and volumetry	2017
4	Spectrometry	2017
5	Chromatography	2017