

## A. PERSONAL DATA

1	Name	Reni Banowati Istiningrum	
2	Gender	Female	
3	Academic Rank	Assistant Professor	
4	Marital status	Married	
5	Place and date of birth	Gunung Kidul, 8 November 1980	
6	E-mail	reni_banowati@uii.ac.id	
7	Home Address	Mustokorejo, RT 01 RW 43, Maguwoharjo, Depok, Sleman, Yogyakarta	
8	Office Address	Jl. Kaliurang Km 14,5 Yogyakarta	

## B. EDUCATIONAL BACKGROUND

	Bachelor Degree	Master Degree	Doctoral Degree
University	Islamic University of Indonesia, Indonesia	Gadjah Mada University, Indonesia	Gadjah Mada University, Indonesia
Field of Study	Chemistry	Chemistry	Chemistry
Year	1999 -2003	2010 -2013	2017-now
Undergraduate Thesis/Thesis/Dissertation	Identification of Flavonoids in Methanol Extract of Mahkota Dewa ( <i>Phaleria macrocarpa</i> (Scheff.) Boerl.) Leaf Using a UV-Vis Spectrophotometer	Selective Adsorption of Au (III) on Quaternary Ammonium Hybrid Silica in Au / Cu System	Magnetic Material / SiO <sub>2</sub> / Quarternary-Chitosan As Adsorbent For Preconcentration of AuCl <sub>4</sub> <sup>-</sup> In Water
Supervisor	Dr. Chairil Anwar, M.Sc/Tatang Shabur J, M.Si	Prof. Dr. Nuryono, M.S/Prof.Dr. Narsito	Prof. Dr. Nuryono/Prof.

			Sri Juari Santosa
Predicate	Cum Laude	Cum Laude	

### C. Research Experience

No.	Tahun	Research Title
1	2015	Production Biodiesel from Used Cooking Oil Using Rice Bran Lipase
2	2015	Utilization of Rice Husk Ash as Pretreatment and Aftertreatment in Production of Biodiesel from Used Cooking Oil
3	2015	Determination of Patchouli Oil by Considering the Measurement Uncertainty
4	2016	Conversion Biodiesel from Carica Seed Oil ( <i>Carica Pubescens</i> ) through Enzymatic Transesterification
5	2019-2020	Magnetic Material/SiO <sub>2</sub> /Quarternary-Chitosan As Adsorbent For Preconcentration Of AuCl <sub>4</sub> <sup>-</sup> In Water

### E. Publication Article In Journal

No.	Title of article	Name of Journal	Volume
1	Analysis of Total Antioxidant Capacity on Ingredients of Lotek Menu by Ferric Reducing Antioxidant Power Assay	Eksakta	Vol.13 No.1-2 Agustus 2013
2	Preparation of chitin, Study of Physicochemical Properties and Biopesticide Activities	Eksakta	Vol.13 No.1-2 Agustus 2013
3	Comparison of Standard Calibration and Addition Methods for Determination of Dissolved Lead in Borobudur Temple Water Control by Flame Atomic Absorption Spectrophotometry	Konsevasi Cagar Budaya Borobudur	Vol.8 No.2, December 2014
4	Utilization of Rice Husk Ash for Purification of Raw	Sains dan Teknologi	Vol.6 No.1 April 2017

	Materials and Biodiesel Products from Used Cooking Oil		
5	Improvement of Learning Outcomes Inorganic Chemistry Through Cooperative Learning Approach Type Student Team Achievement Divisions With The Help of Molymod Props	International Journal of Chemistry Education Research (IJCER)	Vol.1 No.1 August 2017
6	Analysis of the Composition of Biodiesel from the Conversion of Carica Seed Oil ( <i>Carica pubescens</i> ) using Bran Lipase	Indonesian Journal of Chemical Analysis	Vol.1 No.1 September 2018

#### F. Publication In Proceeding

No.	Name of Seminar	Title of Article	Placce and Date
1	The 1 <sup>st</sup> International Seminar on Chemical Education 2015 (ISCE 2015)	Adsorption Reduction Study of Au <sup>3+</sup> ion by Humic Acid Immobilized of Chitosan	Islamic University of Indonesia-30 September 2015
2	International Conference on Chemistry, Chemical Process and Engineering	Measurement Uncertainty of Ester Number, Acid Number, and Patchouli alcohol of Patchouli oil Produced in Yogyakarta	Islamic University of Indonesia -15-16 November 2016
3	2nd International Seminar on Chemical Education	Effect of Reaction Temperature on Biodiesel Production from Waste Cooking Oil Using Lipase as Biocatalyst	Islamic University of Indonesia -12-13 September 2017
4	The 2 <sup>nd</sup> International Conference on Chemistry, Chemical Process and Engineering	The Influence of Papain Concentration on Deacetillation Degree of Chitin	Islamic University of Indonesia -14-15 Agustus 2018

5	3rd International Seminar on Chemical Education	Adsorption of Cd(II), Pb(II) and Cu(II) from Multi-metal Aqueous System by Alkali-treated Alang-Alang Grass ( <i>Imperata cylindrica</i> )	Islamic University of Indonesia -17 September 2019
6	International Conference on Science and Applied Science	Ultrasound-Assisted Purification Of Magnetite Extracted From Natural Iron Sand	Sebelas Maret University-7 Juli 2020

### G. Sertificate

No	Sertificate	Year
1	Lecturer Certification	-
2	Competency assessors	2017-2020
3	Gravimetry and Volumetry	2016-2019
4	Spectrometry	2016-2019
5	Chromatography	2017-2020