

### A. PERSONAL DATA

1	Name	Thorikul Huda
2	Gender	Male
3	Academic Rank	Assistant Professor
4	Marital status	Married
5	Place and date of birth	Wonosobo, June 30 <sup>th</sup> , 1979
6	E-mail	Thorikul.huda@uii.ac.id
7	Home Address	Kaliwanglu, Harjobinangun, Pakem, Sleman
8	Office Address	Jl. Kaliurang Km 14,5 Yogyakarta

### B. EDUCATIONAL BACKGROUND

	Bachelor Degree	Master Degree
University	Islamic University of Indonesia, Indonesia	Gadjah Mada University, Indonesia
	Chemistry	Chemistry
Year	1999 -2003	2007 -2009
Undergraduate Thesis/Thesis	Antioxidant Activity Test of Chloroform Extract of Tea Leaves ( <i>Camellia sinensis L.</i> ) in Peanut Oil	The Study of Adsorption-Reduction Au (III) Ion On Humic Acid by Isolated Rawapening Peat Soil of Central Java
Supervisor	Dr. Chairil Anwar/Is Fatimah, M.Si.	Prof. Sri Juari/Dr. Dwi Siswanto

### C. RESEARCH EXPERIENCE

No.	Year	Title of Research
1	2010	Recovery of Gold Metals From Electronic Waste Using Humic Acid as an Environmental Friendly Material
2	2011	Immobilization of Human Acid in Chitosan for Gold Metal Recovery
3	2014	Synthesis of Humic Acid Immobilized by Chitosan as Environmentally Friendly Gold and Silver Processing

4	2016	Determination of Chemical Oxygen Demand in Integrated Laboratory Waste With Spectropotometry
5	2016	Cadmium Determine in liquid waste of integrated laboratory of Universitas Islam Indonesia with atomic absorption spectrophotometry
6	2016	Monitoring Of Organic Waste Pollution In The Sibelis River Of Tegal City
7	2017	Determination Of Hexavalent Chrome (Cr-VI) in tThe Liquid Waste of Intergrated Laboratory in The University Of Indonesia Islamic University
8	2019	Analysis of Al <sub>2</sub> O <sub>3</sub> ICP-OES on Bauxite Samples

#### E. PUBLICATION ARTICLE IN JOURNAL

No.	Article Title	Name of Journal	Volume/Number/Year
1	Physicochemical Characteristics of Biodegradable Plastic Films from Cassava-Sweet Potato Starch Composites	Journal: Jurnal Logika	Vol.4 No. 1, 2007
2	Determination of Uncertainty Measurement of Caffeine Content in Cocoa Beans (Theobroma Cacao L.) Using UV-Vis Spectrophotometry	Journal : Journal Cis-Trans	Vol.1 No.2 December 2017
3	The methylene blue adsorption study used cellulose from Imperata	Journal: Indonesian Journal of Chemical Analysis	Vol.1 No.1, September 2018
4	Verification of the Lead Determination in Ambient Air Samples using Inductively Coupled Plasma-Optical Emission Spectroscopy (ICP-OES)	Journal: Indonesian Journal of Chemical Analysis	Vol.2 No.2 September 2019
5	Identification of fatty acid from coconut waste extract using chromatography mass spectrometry (GC-MS)	Journal: Khazanah	Vol.8 No.1, September 2020

## F. PUBLICATION ARTICLE IN PROCEEDING

No.	Meeting/Conference	Article Title	Place and Date
1	The National Seminar on Research, Education and Application of Mathematics and Natural Sciences	Au (III) Ion Adsorption Study Using Humic Acid	Yogyakarta State University, May 16 <sup>th</sup> 2009
2	3 <sup>rd</sup> International Seminar On Chemical Education	Validation of Al <sub>2</sub> O <sub>3</sub> analysis by standard calibration method and evaluation of Al <sub>2</sub> O <sub>3</sub> determine by direct reading using ICP-OES on bauxite samples	Islamic University of Indonesia, September, 17 <sup>th</sup> 2019
3	The 2 <sup>nd</sup> International Conference on Chemistry, Chemical Process and Engineering	Validation Method Of Sulfate Determination In Mortar Sample From Mendut Temple	Islamic University of Indonesia -14-15 Agustus 2018
4	The National Seminar of FMIPA UNESA Surabaya	Validation of Determination of Caffeine Contents in Coffee with a UV-Vis Spectrophotometer	Universitas Negeri Surabaya, 2017
5	2 <sup>nd</sup> International Seminar On Chemical Education	Quality Control of Test Iodine in Urine by Spectrophotometry UV-Vis	Islamic University of Indonesia -12-13 September 2017
6	The 1 <sup>st</sup> International Conference on Chemistry, Chemical Process and Engineering	The Monitoring of Organic Waste Pollution in The Sibelis River	Islamic University of Indonesia November, 15 <sup>th</sup> 2017
7	1 <sup>nd</sup> International Seminar On Chemical Education	Adsorption Reduction Study of Au <sup>3+</sup> Ions by Humic Acid Immobilized of Chitosan	Islamic University of Indonesia September, 30 <sup>th</sup> 2015
8	3 <sup>rd</sup> International Seminar on Chemistry	Uncertainty Measurement in the Analysis of Waste Water Chemical Oxygen Demand at Integrated Laboratory of Islamic University of Indonesia	Universitas Pajajaran, September, 20 <sup>th</sup> -21 <sup>th</sup> 2014

9	The 2nd. International Conference of the Indonesian Chemical Society	Measurement Uncertainty in Analysis of Soluble Lead from Filter Layer Waters of Borobudur Temple	Islamic University of Indonesia September, 22 <sup>th</sup> – 23 <sup>th</sup> 2013
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#### **G. SERTIFICATE**

No	Sertificate	Year
1	Lecturer Certification	2012
2	Competency assessors	2017-2020
3	Gravimetry and Volumetry	2016-2019
4	Spectrometry	2016-2019
5	Chromatography	2017-2020

Yogyakarta, November 2020

Thorikul Huda, M.Sc.