



UNIVERSITAS  
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INDONESIA



# Staff Handbook

*Chemical Analysis Study Program*  
UNIVERSITAS ISLAM INDONESIA

## Staff Handbook

<b>Name</b>	Prof. Riyanto, S.Pd., M.Si., Ph.D.	
<b>Email</b>	riyanto@uui.ac.id	
<b>Academic Career</b>	<b>Undergraduate Degree</b>	Universitas Jambi
	<b>Graduate Degree</b>	Universitas Gadjah Mada
	<b>Doctoral Degree</b>	National University of Malaysia
<b>Regular Employment</b>	<b>Lecturer</b>	Universitas Islam Indonesia
<b>Expertise</b>	Preparation, Characterization and application of glucose, uric, acid and urea medical test using composite electrode (non-enzymatic sensor) fourth generation	
<b>Patents and proprietary rights</b>	<ul style="list-style-type: none"> <li>• CO<sub>2</sub> Gas Traps for Motor Vehicles</li> <li>• Jacketed Ball Cooler for Batik Waste Treatment Distillation</li> <li>• Batik Waste Treatment Boiler</li> <li>• Batik Waste Treatment Technology by Electrolysis using Platinum Electrodes</li> </ul>	
<b>Selected publication over the last 5 years</b>	<ul style="list-style-type: none"> <li>• Boron Doped Graphene Quantum Structure and MoS<sub>2</sub> Nanohybrid as Anode Materials for Highly Reversible Lithium Storage</li> <li>• Preparation and Application of Nickel Plating on Copper Electrode (NPCE) for Uric Acid Analysis in Human Urine Using Cyclic Voltammetry</li> <li>• Preparation of carbon-polyvinyl chloride (C-PVC) and its application for electrodes to electrochemical degradation of batik wastewater</li> <li>• Utilization of Pb and PbO<sub>2</sub> from lead storage battery waste for batik wastewater treatment using electrochemical method</li> <li>• Validation method for determination of cholesterol in human urine with electrochemical sensors using gold electrodes</li> <li>• Treatment of ammonia in liquid hospital waste using activated carbon</li> </ul>	

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<b>Academic career</b>	<b>Undergraduate Degree</b>	Universitas Hasanudin
	<b>Graduate Degree</b>	Institut Teknologi Bandung
	<b>Doctoral Degree</b>	Institut Teknologi Bandung
<b>Regular Employment</b>	<b>Lecturer</b>	Universitas Islam Indonesia
<b>Expertise</b>	<ul style="list-style-type: none"> <li>• Analytical Chemistry</li> <li>• Environmental Chemistry</li> <li>• Chemical separation and purification</li> <li>• Chemical speciation</li> </ul>	
<b>Selected publication over the last 5 years</b>	<ul style="list-style-type: none"> <li>• Optimization of gas chromatography operational conditions for analysis of ginger oil from <i>Zingiber officinale</i> var. <i>Amarum</i></li> <li>• Empowering Women/Single Mothers Through Training on Making Halal and Healthy Home Industry Products as an Effort to Increase Self-Efficacy in Entrepreneurship</li> <li>• Anti-Aging Serum Formulation of Piper Nigrum L Black Pepper Essential Oil and Antioxidant Activity Test Using the DPPH Method</li> <li>• Production of Shredded Catfish as a Business Alternative to Improve the Economy of Pelutan Village</li> <li>• Essential Oil Production To Develop Pelutan Village, Gebang District, Purworejo, Central Java As An Essential Oil Center</li> <li>• Compliance of Indoor Air Contaminants within the Main Prayer Halls of Mosques in Malacca with Malaysia's Indoor Air Quality Standard</li> <li>• Comparison between maceration and microwave extraction techniques of strawberry fruit (<i>fragaria</i> sp) and antioxidant activity test</li> <li>• Effect Of Adding <i>Aspergillus Niger</i> Mushroom On Patchouli Fermentation Process</li> <li>• Problem-based learning on quantitative analytical chemistry course</li> <li>• A comparative study of water-steam distillation with water-bubble distillation techniques to increase the quality of patchouli essential oil</li> <li>• Formulation of antiacne serum based on lime peel essential oil and in vitro antibacterial activity test against <i>Propionibacterium acnes</i></li> </ul>	

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<b>Academic Career</b>	<b>Undergraduate Degree</b>	Universitas Diponegoro
	<b>Graduate Degree</b>	Universitas Gadjah Mada
	<b>Doctoral Degree</b>	Universitas Gadjah Mada
<b>Regular Employment</b>	<b>Lecturer</b>	Universitas Islam Indonesia
<b>Expertise</b>	<ul style="list-style-type: none"> <li>• Drug Development Natural Materials Plants and Organic Synthesis</li> <li>• Food Modification and Diversification</li> <li>• Development of Natural Pesticides</li> </ul>	
<b>Selected publication over the last 5 years</b>	<ul style="list-style-type: none"> <li>• Tatang Shabur Julianto, Restu Ayu Mumpuni, 2016, Chitosan and N-Alkyl Chitosanas Base Heterogeneous Catalyst in Transesterification of Used Cooking Oil, IOP, 10th Joint Conference on Chemistry, Surakarta</li> <li>• Tatang Shabur Julianto, Jumina, Mustofa, Hardjono S., Maryanti, 2015, Free Solvent Isomerization 3-carene to 2-carene in Isolimonene Production as Starting Material of Antimalaria Artemisinin, RSCE 2015, 24-25 September 2015, Bangkok.</li> <li>• Tatang Shabur Julianto, Nurul Atikah, 2014, Penerapan Reverse Rotating Reactor Untuk Produksi Biodiesel Minyak Jelantah Menggunakan Katalis Heterogen Kitosan, EKSAKTA, Jurnal Ilmiah MIPA, 13(1)</li> </ul>	

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<b>Academic Career</b>	<b>Undergraduate Degree</b>	Universitas Islam Indonesia
	<b>Graduate Degree</b>	Universitas Gadjah Mada
<b>Regular Employment</b>	<b>Lecturer</b>	Universitas Islam Indonesia
<b>Expertise</b>	<ul style="list-style-type: none"> <li>• Humic compound-based biomaterial,</li> <li>• Chemical Test Method Development</li> </ul>	
<b>Selected publication over the last 5 years</b>	<ul style="list-style-type: none"> <li>• Huda T., Alifya D., Shalih RA., 2020, 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, Proceeding the 2nd International Seminar on Chemical Education (ISCE)</li> <li>• Afifah Z., Kurniyawan, Huda T., 2019, Verifikasi Metode Penentuan Kadar Timbal (Pb) Pada Sampel Udara Ambien Menggunakan Inductively Coupled Plasma-Optical Emission Spectroscopy (ICP-OES), Indonesian Journal of Chemical Analysis (IJCA), 2 (2), 74-79</li> <li>• Huda T., Yulitaningtyas TK., 2018, Kajian Adsorpsi Methylene Blue Menggunakan Selulosa Dari Alang-Alang, Indonesian Journal of Chemical Analysis (IJCA), 1 (1), 9-19</li> <li>• Huda T., Murtiyani D., Siregar IM., Cahyandaru N., 2018, Validation Method of Sulfate Determination In Mortar Sample From Mendut Temple, Proceeding International Conference on Chemistry, Chemical Process and Engineering</li> <li>• Huda T., Anggelina G., 2017, Validasi Penentuan Kadar Kafein Pada Kopi dengan Spektrofotometer UV-Vis, Prosiding Seminar Nasional FMIPA UNESA Surabaya 157-162</li> <li>• Wijiyanti D, Huda T., Penentuan Ketidakpastian Pengukuran Kadar Kafein pada Biji Kakao (Theobroma Cacao L.) Menggunakan Spektrofotometri UV-Vis, Journal Cis-Trans (JC-T) 1 (2), 22 – 24</li> <li>• Huda T., Nafisah D., Kumorowulan S., Lestari S., 2017, Quality Control of Test Iodine in Urine by Spectrophotometry UV-Vis, AIP Conference Proceedings, 020024-1 -4</li> <li>• Huda T, Jannah W., 2017, The Monitoring of Organic Waste Pollution in The Sibelis River, AIP Conference Proceedings, 020055-1 – 5</li> <li>• Huda T, Lismawati A, 2016, Penentuan Kebutuhan Oksigen Kimia ada Limbah Cair Laboratorium Terpadu Universitas</li> </ul>	

**Islam Indonesia, Prosiding Seminar Nasional Pendidikan  
Vokasi Indonesia 2016, 672 - 676**

- **Huda T, Istiningrum RB, 2015, Adsorption Reduction Study of Au<sup>3+</sup> Ions by Humic Acid Immobilized of Chitosan, Proceeding the 2nd International Seminar on Chemical Education (ISCE), 147 – 153**
- **Huda T, Wibowo SA, Sulistya IA, 2014, Uncertainty Measurement in the Analysis of Waste Water Chemical Oxygen Demand at Integrated Laboratory of Islamic University of Indonesia, Proceedings Internasional Seminar on Chemistry**
- **Huda T, Boniyem, Siregar IM, 2013, Measurement Uncertainty in Analysis of Soluble Lead from Filter Layer Waters of Borobudur Temple**
- **Huda T, Sulistya A, 2013, Validasi Metode Penentuan Kandungan Nitrat Dalam Air Limbah, Prosiding Seminar Nasional Penelitian, Pendidikan dan Penerapan MIPA**

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<b>Name</b>	Yuli Rohyami, M.Sc.	
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<b>Academic Career</b>	<b>Undergraduate Degree</b>	Universitas Islam Indonesia
	<b>Graduate Degree</b>	Universitas Gadjah Mada
<b>Regular Employment</b>	<b>Lecturer</b>	Universitas Islam Indonesia
<b>Expertise</b>	<ul style="list-style-type: none"> <li>Development of natural materials based on green processes in the development of test methods with adsorption, solid phase extraction, membrane, and sensory techniques</li> <li>Green process development in the preparation of standardized materials and candidate in-house reference materials</li> </ul>	
<b>Selected publication over the last 5 years</b>	<ul style="list-style-type: none"> <li>Yuli Rohyami and Thorikul Huda, 2020, The effect of flipped classroom cooperative learning on learning outcomes in the analytical chemistry course, AIP Conference Proceedings, 2229 :1</li> <li>Yuli Rohyami dan Thorikul Huda, 2020, Validasi Metode Penentuan Rhodamin B dalam Contoh Saos secara Spektrofotometri UV-Vis dengan Dua Variasi Pelarut, Refleksi Pembelajaran Inovatif, 1:2</li> <li>Yuli Rohyami, Hartiwi Putri Indah Ratri, and Wihyarti, 2018, Validasi Metode Penentuan Rhodamin B dalam Contoh Saos secara Spektrofotometri UV-Vis dengan Dua Variasi Pelarut, Indonesian Journal of Chemical Analysis, 1:1</li> <li>Yuli Rohyami, Rizki Maulana Pribadi, 2018, Validation of methods on formalin testing in tofu and determination of 3, 5-diacetyl-dihydrolutidine stability by UV-Vis spectrophotometry, AIP Conference Proceedings, 1911:1</li> <li>Yuli Rohyami, Ade Irma Yuliani, and Hezna Intan Firdiyanti, 2018, Recrystallization of sodium chloride as the candidate of in-house reference material, AIP Conference Proceedings, 2026:1</li> <li>Yuli Rohyami, Reni Banowati Istiningrum, and Ifa Puspasari, 2018, The influence of papain concentration on deacetylation degree of chitin, AIP Conference Proceedings, 2026:1</li> <li>Yuli Rohyami and Rizki Maulana Pribadi, 2017, Validation of methods on formalin testing in tofu and determination of 3, 5-diacetyl-dihydrolutidine stability by UV-Vis spectrophotometry, AIP Conference Proceedings, 1911:1</li> </ul>	

- Yuli Rohyami and Thorikul Huda, 2017, The Development of Inquiry Learning on Analytical Chemistry Lab II at Diploma of Analytical Chemistry, International Journal of Chemistry Education Research, 1:1



## Staff Handbook

<b>Name</b>	Reni Banowati Istiningrum, M.Sc.	
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<b>Academic Career</b>	<b>Undergraduate Degree</b>	Universitas Islam Indonesia
	<b>Graduate Degree</b>	Universitas Gadjah Mada
<b>Regular Employment</b>	Lecturer	Universitas Islam Indonesia
<b>Expertise</b>	<ul style="list-style-type: none"> <li>• Adsorption</li> <li>• Method validation</li> </ul>	
<b>Selected publication over the last 5 years</b>	<ul style="list-style-type: none"> <li>• Analysis of Total Antioxidant Capacity on Ingredients of Lotek Menu by Ferric Reducing Antioxidant Power Assay</li> <li>• Preparation of chitin, Study of Physicochemical Properties and Biopesticide Activities</li> <li>• Perbandingan Metode Kalibrasi dan Adisi Standar untuk Penentuan timbal Terlarut dalam Air Bak Kontrol Candi Borobudur secara Spektrofotometri Serapan Atom (SSA)-Nyala</li> <li>• Kombinasi Pembelajaran Kooperatif Tipe STAD/E-learning Kimia Fisika I pada Sekolah Vokasi</li> <li>• Adsorption Reduction Study of Au<sup>3+</sup> ion by Humic Acid Immobilized of Chitosan</li> <li>• Measurement Uncertainty of Ester Number, Acid Number and Patchouli alcohol of Patchouli oil Produced in Yogyakarta</li> <li>• Effect of Reaction Temperature on Biodiesel Production from Waste Cooking Oil Using Lipase as Biocatalyst</li> <li>• Pemanfaatan Abu Sekam Padi untuk Pemurnian Bahan Baku dan Produk Biodiesel dari Minyak Jelantah</li> <li>• Improvement of Learning Outcomes Inorganic Chemistry Through Cooperative Learning Approach Type Student Team Achievement Divisions With The Help of Molymod Props</li> <li>• The Influence of Papain Concentration on Deacetillation Degree of Chitin</li> <li>• Analisis Komposisi Biodiesel Hasil Konversi Minyak Biji Carica (<i>Carica pubescens</i>) menggunakan Enzim Lipase Bekatul</li> <li>• Synthesis and Characterization of Activated Carbon from Hydrothermally Banana Empty Fruit Bunch for Adsorption of Pb (II) and Cr (VI) in Aqueous Solution</li> <li>• Adsorption of Cd(II), Pb(II) and Cu(II) from Multi-metal Aqueous System by Alkali-treated Alang-Alang Grass (<i>Imperata cylindrica</i>)</li> </ul>	

- **Ultrasound-Assisted Purification Of Magnetite Extracted From Natural Iron Sand**
- **Recovery of Au(III) from Gold Mining Rock with Silica/Chitosan Coated on Iron Sand Magnetic Material**

## Staff Handbook

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<b>Academic Career</b>	<b>Undergraduate Degree</b>	Institut Teknologi Sepuluh Nopember
	<b>Graduate Degree</b>	Institut Teknologi Sepuluh Nopember
<b>Regular Employment</b>	<b>Lecturer</b>	Universitas Islam Indonesia
<b>Expertise</b>	<ul style="list-style-type: none"> <li>• Reference materials based on natural materials</li> <li>• Development of practical and environmentally friendly test methods</li> </ul>	
<b>Selected publication over the last 5 years</b>	<ul style="list-style-type: none"> <li>• Synthesis and Characterization of Hydrotalcite at Different Mg/Al Molar Ratio</li> <li>• Adsorption of Phenol by Mg/Al Hydrotalcite with Ratio Molar 3:1</li> <li>• Removal of Methyl Orange in Aqueous Solution Using Rice Husk</li> <li>• Mesopore Modified Bagasse for Improving Patchouli Oil Quality</li> <li>• Silica Based Material from Rice Husk and Their Use on Methylene Blue Adsorption</li> <li>• Utilization of natural indicators for borax identification in the Indonesian tofu</li> <li>• Improving the quality of patchouli oil by adsorption process using surfactant modified of natural zeolite</li> <li>• Phenolic removal using phenylamine modified montmorillonite</li> <li>• Cetyltrimethyl ammonium bromide-Mg/Al hydrotalcite for removal phenol in water</li> <li>• Adsorpsi Fenol dengan Hidrotalsit Mg/Al 4:1 Termodifikasi Sodium Dodecylsulfate (SDS)</li> <li>• Pengujian Nitrogen Total, Kandungan Air Dan Cemarkan Logam Timbal Pada Pupuk Anorganik NPK Padat</li> <li>• The Effect Of Aging Temperature on Natural Zeolite Modification with Cetyltrimethylammonium Bromide (CTABr)</li> <li>• Comparative Analysis Method Of C-Organic In Fertilizers By Gravimetry And Spectrophotometry</li> <li>• Determination Of Ash Content In Coal Using In-House Reference Materials</li> </ul>	

## Staff Handbook

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<b>Academic Career</b>	<b>Undergraduate Degree</b>	Universitas Islam Indonesia
	<b>Graduate Degree</b>	Universitas Gadjah Mada
<b>Regular Employment</b>	<b>Lecturer</b>	Universitas Islam Indonesia
<b>Expertise</b>	<ul style="list-style-type: none"> <li>• Adsorption</li> <li>• Method validation</li> <li>• Biomass-based functional materials for energy and environmental applications</li> <li>• Alumina-silica based material for energy and environmental applications</li> </ul>	
<b>Selected publication over the last 5 years</b>	<ul style="list-style-type: none"> <li>• Synthesis and Characterization of Hydrotalcite at Different Mg/Al Molar Ratio</li> <li>• Adsorption of Phenol by Mg/Al Hydrotalcite with Ratio Molar 3:1</li> <li>• Removal of Methyl Orange in Aqueous Solution Using Rice Husk</li> <li>• Mesopore Modified Bagasse for Improving Patchouli Oil Quality</li> <li>• Silica Based Material from Rice Husk and Their Use on Methylene Blue Adsorption</li> <li>• Utilization of natural indicators for borax identification in the Indonesian tofu</li> <li>• Improving the quality of patchouli oil by adsorption process using surfactant modified of natural zeolite</li> <li>• Phenolic removal using phenylamine modified montmorillonite</li> <li>• Cetyltrimethyl ammonium bromide-Mg/Al hydrotalcite for removal phenol in water</li> <li>• Adsorpsi Fenol dengan Hidrotalsit Mg/Al 4:1 Termodifikasi Sodium Dodecylsulfate (SDS)</li> <li>• Pengujian Nitrogen Total, Kandungan Air Dan Cemaran Logam Timbal Pada Pupuk Anorganik NPK Padat</li> <li>• The Effect of Aging Temperature on Natural Zeolite Modification with Cetyltrimethylammonium Bromide (CTABr)</li> <li>• Comparative Analysis Method Of C-Organic In Fertilizers By Gravimetry And Spectrophotometry</li> </ul>	

- **Determination Of Ash Content In Coal Using In-House Reference Materials**
- **Penentuan Kadar Glukosa Reaksi Hidrolisis Daun Nanas Dengan Katalis Dan Tanpa Katalis H<sub>2</sub>SO<sub>4</sub>**
- **Identifikasi Glukosa Hasil Hidrolisis Serat Daun Nanas Menggunakan Metode Fenol-Asam Sulfat Secara Spektrofotometri UV-Visibel**
- **Pengaruh Aktivasi Fisika pada Zeolit Alam dan Lempung Alam terhadap Daya Adsorpsinya**
- **Measurement of cation exchange capacity (CEC) on natural zeolite by percolation method**
- **Verification of spectrophotometric method for nitrate analysis in water samples**
- **Quantitative Analysis of Gold Concentrate Using Fire Assay by Gravimetry and Spectrophotometry Method**
- **Comparison method of calcium analysis on filter layer water from Borobudur temple using automatic titration and atomic absorption spectrophotometer**
- **Validation on analysis method for phosphorus in solid inorganic fertilizer using UV-Visible spectrophotometry**
- **Determination of order reaction on hydrolysis reaction of pineapple leaf**
- **Comparison of volumetric and FT-NIR method on iodine value of RBDPO and stearin**
- **Analisa Kesadahan Total, Logam Timbal (Pb), dan Kadmium (Cd) dalam Air Sumur Dengan Metode Titration Kompleksometri dan Spektrofotometri Serapan Atom**
- **Butterfly Pea (Clitoria Ternatea L.) Extract as Indicator of AcidBase Titration**
- **Synthesis and Characterization of TiO<sub>2</sub> Nanoparticles Doping on Cellulose as Adsorbent for Removal of Rhodamine B in Aqueous Solution**
- **A Study of Isotherm and Kinetic Models of Methylene Blue and Methyl Orange Adsorption Using Indonesian Natural Zeolite and Agricultural Waste**
- **Study Of Hydrolysis Process From Pineapple Leaf Fibers Using Sulfuric Acid, Nitric Acid, And Bentonite Catalysts**

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Academic Career	Undergraduate Degree	Universitas Negeri Yogyakarta
	Graduate Degree	Universitas Gadjah Mada
Regular Employment	Lecturer	Universitas Islam Indonesia
Expertise	<ul style="list-style-type: none"> <li>• Analytical method development</li> <li>• Material optimization in chemical analysis</li> </ul>	
Selected publication over the last 5 years	<ul style="list-style-type: none"> <li>• The effect of aging temperature on natural zeolite modification</li> <li>• Perbandingan metode penentuan vitamin C pada minuman kemasan menggunakan metode spektrofotometer UV-Vis dan Iodometri</li> <li>• Sintesis dan Karakterisasi Karbon Teraktivasi asam dan basa berbasis mahkota nanas</li> <li>• Utilization of natural indicators for borax identification in the Indonesian tofu</li> <li>• Adsorpsi fenol dengan hidrotalsit Mg/Al 4:1 termodifikasi sodium dodecylsulfate (SDS) in situ dan ex situ</li> <li>• Pengaruh waktu aging pada modifikasi pori zeolite alam dengan CTABr</li> <li>• Perbandingan metode penentuan kadar permanganate dalam air kran secara titrimetric dan spektrofotometri UV-Vis</li> <li>• Pnenolic removal using phenylamine modified montmorillonite</li> <li>• Comparison of volumetric and FT-NIR method on iodine value of RBDPO and stearin</li> <li>• Cetyltrimethyl ammonium bromide-Mg/Al hydrotalcite for removal phenol in water</li> <li>• The determination of antioxidant activity of Brazil-cherry (<i>Eugenia uniflora</i> L.) leaves extract using FRAP method</li> <li>• Comparative analysis method of C-organic in fertilizers by gravimetry and spectrophotometry</li> <li>• Verification of spectrophotometric method for nitrate analysis in water samples</li> <li>• Improving the quality of patchouli oil by adsorption process using surfactant modified of natural zeolite</li> <li>• Validation on analysis method for phorphorus in solid inorganic fertilizer using UV-visible spectrophotometry</li> </ul>	

- **Determination of ash content in coal using in house reference materials**
- **Verification of Spectrophotometry Method for Free Formaldehyde Analysis in Leather**
- **Method Verification of chemical oxygen demand (COD) and total suspended solid (TSS) analysis from Mentaya River**
- **The performance study of a single and double beam UV Vis spectrophotometer on nitrite determination in groundwater**

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	<b>Graduate Degree</b>	Universitas Gadjah Mada
<b>Regular Employment</b>	<b>Lecturer</b>	Universitas Islam Indonesia
<b>Expertise</b>	<ul style="list-style-type: none"> <li>• Development of adsorbents made from natural materials in wastewater treatment</li> <li>• Development of adsorption techniques as part of efforts to accelerate the process of separation of adsorption results or further analysis of adsorbate concentrations</li> <li>• Verification or validation of the adsorbate concentration analysis method</li> </ul>	
<b>Selected publication over the last 5 years</b>	<ul style="list-style-type: none"> <li>• Kuntari, K., Aprilita, N. H., &amp; Suherman, S. (2017). Utilization of Coal Bottom Ash a Low-Cost Adsorbent for the Removal Acid Red 114 Dye. <i>EKSAKTA: Journal of Sciences and Data Analysis</i>, 17(1), 11-19.</li> <li>• Kuntari, K., Aprianto, T., Noor, R. H., &amp; Baruji, B. (2017). Verifikasi Metode Penentuan Asetosal dalam Obat Sakit Kepala dengan Metode Spektrofotometri UV. <i>JST (Jurnal Sains dan Teknologi)</i>, 6(1).</li> <li>• Kuntari, &amp; Priwidyanjati, D. A. (2017, December). Adsorption of malachite green dye from aqueous solution on the bamboo leaf ash. In <i>AIP Conference Proceedings (Vol. 1911, No. 1, p. 020011)</i>. AIP Publishing LLC.</li> <li>• Kuntari, K. (2017). Kajian Pengaruh Waktu dan pH Optimum dalam Adsorpsi Methyl Violet dan Methylene Blue Menggunakan Abu Daun Bambu. <i>JC-T (Journal Cis-Trans): Jurnal Kimia dan Terapannya</i>, 1(2).</li> <li>• Kuntari, K., Aprianto, T., Baruji, B., &amp; Noor, R. H. (2018). Validasi Metode Penentuan Amonium Klorida dalam Obat Batuk Hitam secara Titrimetri. <i>Indonesian Journal of Chemical Analysis (IJCA)</i>, 1(01), 35-41.</li> <li>• Kuntari, K., &amp; Fajarwati, F. I. (2018, October). Utilization of bamboo leaves wastes for methylene blue dye adsorption. In <i>AIP Conference Proceedings (Vol. 2026, No. 1, p. 020062)</i>. AIP Publishing LLC.</li> <li>• Sari, A. I. N., &amp; Kuntari, K. (2019). Penentuan Kafein dan Parasetamol dalam Sediaan Obat Secara Simultan</li> </ul>	



Menggunakan Spektrofotometer UV-Vis. Indonesian Journal of Chemical Analysis (IJCA), 2(01), 20-27.

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<b>Academic Career</b>	<b>Undergraduate Degree</b>	Universitas Sebelas Maret
	<b>Graduate Degree</b>	Institut Teknologi Bandung
<b>Regular Employment</b>	<b>Lecturer</b>	Universitas Islam Indonesia
<b>Expertise</b>	<ul style="list-style-type: none"> <li>• <b>Electroanalytical</b></li> </ul>	
<b>Selected publication over the last 5 years</b>	<ul style="list-style-type: none"> <li>• Ganjar Fadillah, Wiyogo Prio Wicaksono, Is Fatimah, Tawfik A Saleh, 2020, A sensitive electrochemical sensor based on functionalized graphene oxide/SnO<sub>2</sub> for determination of eugenol, <i>Microchemical Journal</i> (Q2)</li> <li>• Is Fatimah, Rico Nurillahi, Imam Sahroni, Ganjar Fadillah, Bambang Hernawan N., Azlan Kamari, Oki Muraaza, 2020, Sonocatalytic degradation of rhodamine B using tin oxide/montmorillonite, <i>Journal of Water Process Engineering</i> (Q1)</li> <li>• Ganjar Fadillah, Ozi Adi Saputra, Tawfik A. Saleh, 2020, Trends in Functionalized Polymer Nanostructures for Analysis of Environmental Pollutants, <i>Trends in Environmental Analytical Chemistry</i> (Q1, IF 5.5)</li> <li>• Ganjar Fadillah, Tawfik A Saleh, Sayekti Wahyuningsih, 2019, Electrochemical removal of methylene blue using alginate-modified graphene adsorbents, <i>Chemical Engineering Journal</i>, vol. 378, 122140 (Q1, scopus indexed, IF 8.355)</li> <li>• Ganjar Fadillah, Tawfik A Saleh, Sayekti Wayuningsih, 2019, Enhanced electrochemical degradation of 4-nitrophenol molecules using novel Ti/TiO<sub>2</sub>-NiO electrodes, <i>Journal of Molecular Liquids</i>, vol. 289, 111108 (Q1, scopus indexed, IF 4.561)</li> <li>• Tawfik A Saleh, Ganjar Fadillah, Ozi Adi Saputra, 2019, Nanoparticles as components of electrochemical sensing platforms for the detection of petroleum pollutants: a review, <i>TrAC Trends in Analytical Chemistry</i>, vol. 118, 194-206 (Q1, scopus indexed, IF 8.428)</li> <li>• Tawfik A Saleh, Ganjar Fadillah, 2019, Recent trends in the design of chemical sensors based on graphene-metal oxide nanocomposites for the analysis of toxic species and biomolecules, <i>TrAC Trends in Analytical Chemistry</i> (Q1, scopus indexed, IF 8.428)</li> </ul>	

- Is Fatimah, Imam Sahroni, Ganjar Fadillah, M. Miqdam Mussawa, Teuku Meurah Indra Mahlia, Oki Muraza, 2019, Glycerol to solketal for fuel additive: recent progress in heterogeneous catalyst, *Energies*, vol. 12(15), 2872 (Q1, scopus indexed, IF 2.676)