



UNIVERSITAS NEGERI JAKARTA
FACULTY OF MATHEMATICS AND NATURAL SCIENCES
CHEMISTRY STUDY PROGRAM

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STAFF HANDBOOK



Dr. Setia Budi, M.Sc

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Name	Dr. Setia Budi, M.Sc.
Position	Lecturer Inorganic Chemistry
Academic Career	<ol style="list-style-type: none">1. Bachelor's degree (Chemistry), Universitas Negeri Jakarta, Indonesia, 1999-20032. Master's degree (Material Science), Universitas Kebangsaan Malaysia, Malaysia, 2007-20103. Sandwich Program, Japan Advanced Institute of Science and Technology (JAIST), 20164. Doctoral degree (Material Science), Universitas Indonesia, Indonesia, 2013-2017
Employment	Lecturer, Undergraduate's in Chemistry Program, Faculty of Mathematics and Natural Sciences, Universitas Negeri Jakarta, Jakarta 13220, Indonesia
Research and Development project over the last 5 years	<p>2023- 2022 Manufacture of M-Doped Cu₂O/CoNi Nanostructures for Photocatalysts in the Design of Textile Dye Waste Treatment Devices.</p> <p>2023-ELECTRODEPOSITION OF GOLD NANOPARTICLE AS AN ANTIOXIDANT AGENT</p> <p>2023- Synthesis NANO-STRUCTURED PtAU ELECTRODES FOR ELECTROCATALYST APPLICATIONS IN DIRECT ETHANOL FUEL CELL (DEFC)</p>

	<p>2022- Synthesis of M-Doped Cu₂O/CoNi Nanostructures for Photocatalysts in the Design of Textile Dye Waste Treatment Devices.</p> <p>2022- MANUFACTURE OF ETHANOL FUEL CELL USING NANO-STRUCTURED ELECTROCATALYST</p> <p>2022-Electrodeposition of Polyaniline/FeCoNi Nanocomposites As Microwave Absorbent Coatings</p> <p>2021- ELECTRODEPOSITION OF GOLD NANOPARTICLE AND ITS APPLICATION AS AN ANTIOXIDANT AGENT</p> <p>2021-Electrodeposition of Gold Nanoparticle and Its Application as an Antioxidant Agent</p> <p>2021-Polyaniline/FeCoNi Nanocomposite Electrodeposition as Microwave Absorber</p> <p>2020-Polyaniline/FeCoNi Nanocomposite Electrodeposition as Microwave Absorber</p> <p>2020-Electrodeposition of Cu₂O Nanostructure as a catalyst in the Alcohol Electrooxidation process</p> <p>2020-Synthesis of AuPt Nanoparticles as Photocatalyst in the Decomposition of Synthetic Dyes Methylene Blue</p> <p>2019-Synthesis of AgPt Nanostructures as Photocatalyst in the Decomposition of Methyl Orange Synthetic Dyes</p> <p>2019-Electrodeposition of Cu₂O Nanostructure as a catalyst in the Alcohol Electrooxidation process</p> <p>2019-Synthesis of FeCoNi alloy nanostructures for magnetic data storage applications</p> <p>2019-Polyaniline/FeCoNi Nanocomposite Electrodeposition as Microwave Absorber</p>
Industry collaboration over the last 5 year	-
Patents and proprietary rights	<p>IPRs Link:</p> <p>https://sinta.kemdikbud.go.id/authors/profile/48991/?view=iprs</p>
Important publications over the last 5 years	<p>Publication Link:</p> <p>https://sinta.kemdikbud.go.id/authors/profile/48991</p>
Activities in specialist bodies over the last 5 years	<ol style="list-style-type: none"> 2007 – present Himpunan Kimia Indonesia (HKI) - The professional association for Indonesian chemists. 2017 – present Indonesian Materials Research Society (MRS-INA) 2017 – present International Union of Material Research Society (IUMRS)