



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

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STAFF HANDBOOK



Dr. Afrizal, M.Si

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Name	Dr. Afrizal, M.Si.
Position	Lecturer in Chemistry Education
Academic Career	<ol style="list-style-type: none">1. Bachelor's degree (Chemistry), Universitas Indonesia, Indonesia, 19982. Master's degree (Chemistry), Institut Teknologi Bandung, Indonesia, 20023. Doctoral degree (Liquid Crystal Polymer Material), Universitas Indonesia, Indonesia, 2013
Employment	Lecturer, Master's Program in Chemistry Education, Faculty of Mathematics and Natural Sciences, Universitas Negeri Jakarta, Jakarta 13220, Indonesia
Research and Development project over the last 5 years	<ol style="list-style-type: none">1. 2023 - Characterization of Reactive Mesogen Liquid Crystal Polymer Composites RM257-Methyl Methacrylate As Moisture Sensor Material.2. 2023 - Study of Synthesis of Methyl Methacrylate Polymer Composite Membrane with RM 82 Reactive Mesogen Liquid Crystals and Characterization as Electrolyte Polymer Membrane.3. 2022 - Study of Photopolymerization of Methyl Methacrylate Monomer and Blending with RM-257 Reactive Mesogen for Humadity Sensor Applications.4. 2021 - Modification of Indium Tin-Oxide/Methyl Methacrylate Nanoparticles with Polyethylene-Block-Polyethylene Glycol As Heat Storage and Sensor Nanocomposites.

Industry collaboration over the last 5 year	<ol style="list-style-type: none"> 1. Counseling Information About Food Packaging That Is Safe for Health and How to Use It as An Effort to Improve Insights of Mothers Of Forum Members Majelis Ta'lim District Senen, 2010 2. Counseling How to Early Detection of Harmful Chemicals in Everyday Food as an Effort to Improve Insights of Mothers of Forum Members Silaturahmi Majelis Ta'lim District Senen Central Jakarta, 2011 3. Environmental Counseling in Tidung Island, Pulau Seribu, North Jakarta, 2012 4. Workshop on Managing the Working Group of Making Polymer Resin Souvenirs as An Effort to Maintain the Quality Improvement Program of the Members of the Youth Forum of Senen Subdistrict, 2013 5. Community Service in Cilimus Kuningan Cirebon Region, 2014 6. Community Service in Wonosobo Region of Central Java, 2015 		
Patents and proprietary rights	IPRs Link: https://sinta.kemdikbud.go.id/authors/profile/5987451/?view=iprs		
Important publications over the last 5 years	Publication Link: https://sinta.kemdikbud.go.id/authors/profile/5987451		
Activities in specialist bodies over the last 5 years	Organization	Role	Period