



Diah Hari Kusumawati, S.Si., M.Si.

Position	Materials Physics Lecturer in Physics Study Program		
	Assistant Professor in Materials Physics		
	Degree/Non Degree	University/Institution	Year
Academic Career	Graduate program at Departemen of Physics (S-1 Program)	Institut Teknologi Sepuluh Nopember Surabaya, Indonesia	1991-1995
	Postgraduate Program in Physics (Master program)	Institut Teknologi Bandung, Bandung, Indonesia	1999-2002
	Internal Quality Audit Training ISO 9001:2008 & 19011:2011	Unesa, Indonesia	2015
	Workshop e-OFFICE dan Kearsipan	Unesa, Indonesia	2015
	Workshop Elektrosinning	ITB, Bandung	2017
Employment	Unesa's Institution		
	Position	Employer	Periode
	Assistant Professor on Physics Study Program	Unesa, Indonesia	2011-Now
	Heat of Laboratory on Physics Study Program	Department of Physics, Faculty of Mathematics and Natural Sciences, Universitas Negeri Surabaya- Indonesia	2016-2019
	Quality Assurance Unit Team	Department of Physics, Faculty of Mathematics and Natural Sciences, Universitas Negeri Surabaya- Indonesia	2019
Kasublab Karakterisasi	Department of Physics, Faculty of Mathematics and Natural Sciences, Universitas Negeri Surabaya- Indonesia	2019	
Research and Development project over the last 5 Years	<p>2019: Pengaruh Waktu Ultrasonikasi Terhadap Karakteristik rGO Tempurung Kelapa sebagai Elektroda Superkapasitor, UNESA, IDR 10,000,000 (Head)</p> <p>2018: Sintesis <i>Reduced Graphene Oxide</i> Berbahan Dasar Limbah Tempurung Kelapa, UNESA, IDR 10,000,000 (Member)</p> <p>2017: Pemanfaatan Enceng Gondok sebagai Sensor Kelembaban, UNESA, IDR 10.000.000 (member)</p>		

	<p>2017: Karbon Sekam Padi Sebagai Bahan Alternatif Katoda Baterai <i>Rechargeable</i> , UNESA, IDR 10,000,000 (Head)</p> <p>2016: Optimasi Pemurnian Nanokalsit Berbahan Dasar Batu Gamping dengan Metode Kopresipitasi, Unesa IDR 10,000,000 (Membe)</p> <p>2015 and 2016 (2 years): Karakterisasi Komposit Polianilin/Oksida Logam Sebagai Bahan Penyerap Gelombang Mikro, Hibah Bersaing, Ministry of Research and Higher Education Project IDR 115,000,000 (Head)</p>	
Patent and Proprietary Right	Title	Year
Potential Articles over last 5 years	Effect of calcination temperature on characteristics of reduced Graphene Oxide (rGO) made from old coconut shell N P Putri, D H Kusumawati , L Agustina and Munasir Journal of Physics: Conference Series, Volume 1171 ,	2019
	Pemurnian Batu Kapur Berbasis Nano Kalsit dengan Metode Kopresipitasi Nugrahany Primary Putri, Diah Hari Kusumawati Jurnal Sains & Matematika	2019
	Phase Transition of SiO ₂ Nanoparticles Prepared from Natural Sand: The Calcination Temperature Effect Munasir, Zainul Arifin Imam Supardi, Mashadi, Zumrotun Nisa, Diah Hari Kusumawati , Nugrahani Primary Putri, Ahmad Taufiq, Sunaryono, Nurul Hidayat and Darminto Journal of Physics: Conference Series, Volume 1093	2018
	Synthesis of polyaniline/cellulose composite as humidity sensor N P Putri, D H Kusumawati , N Widiyanti and Munasir Journal of Physics: Conference Series, Volume 997	2018
	Synthesis and Characterization of γ -Al ₂ O ₃ /SiO ₂ Composite Materials Munasir, Diah Hari Kusumawati , Sunaryono, Nugrahani Primary Putri, Nurul Hidayat, Ahmad Taufiq and Zainul Arifin Imam Supardi Journal of Physics: Conference Series, Volume 1093	2018
	Synthesis of PANi-SiO ₂ Nanocomposite with In-Situ Polymerization Method: Nanoparticle Silica (NPS) Amorphous and Crystalline Phase Munasir, N R D Luvita, D H Kusumawati , N P Putri, Triwikantoro and Z A I Supardi Journal of Physics: Conference Series, Volume 997	2018
	Structure Analysis of Fe ₃ O ₄ @SiO ₂ Core Shells Prepared from Amorphous and Crystalline SiO ₂ Particles Munasir, A. S. Dewanto, D. H. Kusumawati , N. P. Putri, A. Yulianingsih, I. K. F. Sa'adah, A. Taufiq, N. Hidayat, S. Sunaryono and Z. A. I. Supardi IOP Conference Series: Materials Science and Engineering, Volume 367 ,	2018

	Karakteristik Transmittansi dan Absorbansi Komposit Epoksi/TiO ₂ sebagai Bahan Anti Ultraviolet Diah Hari Kusumawati , Dian Ayu Rachmawati Jurnal Sains & Matematika		2017
	Mechanical Properties of Polymer Concrete Epoxy Filler Particles with Nanocalcite-silica Nugrahani Primary Putri, Diah Hari Kusumawati , Lydia Rohmawati Jurnal Sains & Matematika		2016
	Karakterisasi Sifat Listrik dan Magnetik PANi/HCl/Fe ₃ O ₄ akibat Penambahan Fe ₃ O ₄ pada Komposit PANi/HCl Purwanto Purwanto, Diah Hari Kusumawati Jurnal Sains & Matematika		2016
Profesional Organization	Organization	Position	Period
	PSI	Member	2018-Now