Dina Kartika Maharani, S.Si., M.Sc.

Position	**Organic Chemistry Lecturer**			
	Lecturer on Inorganic Chemistry			
Academic Career	**Degree**	**University**		**Year**
	Bachelor Degree (Chemistry)	ITS Surabaya, Indonesia		2004
	Master Degree (Chemistry)	UGM, Indonesia		2008
	-	-		-
Employment	**Position**	**Employer**		**Period**
	Assistant Professor	Universitas Negeri Surabaya		
Research and Development Projects Over The Last 5 Years	**Title**	**Year**	**Partner/Funder**	**Amount of Financing (million)**
	Development of Inorganic Chemistry Practicum Handbook which is Equipped with Material Safety Data Sheet	2016	BOPTN	10
	Making Nanocomposite Materials Based on Chitosan Biopolymer and ZnO / TiO2 Oxide Materials as UV Blocking and Self Cleaning Agents in the context of Developing Multifunctional Textile Innovations	2016	Hibah Bersaing (DIKTI)	50
	Making Environmentally-friendly Slow Release Fertilizers from Zeolites and Chitosan as One of Ecopreuneurship Products to Support Environmental	2017	Penelitian Kebijakan FMIPA Unesa	

	Chemistry Subjects (Chair)			
	Design of Virtual Inorganic Chemistry Laboratory Model Based on Blended Learning to Improve Chemical Literacy	2017	Penelitian Produk Terapan	43.466
	Making Environmentally-Friendly Slow Release Fertilizers from Zeolites and Chitosan as One of Ecopreneurship Products to Support Environmental Chemistry Courses	2017	Penelitian Kebijakan FMIPA Unesa	10
	Design of Virtual Inorganic Chemistry Laboratory Model Based on Blended Learning to Improve Chemical Literacy	2018	Penelitian Strategis Nasional Institusi	50
	Development of Interactive Multimedia Oriented Blended Learning in Chemistry Materials	2018	Penelitian Dana PNBP FMIPA Unesa	10
	Utilization of Environmentally Friendly Materials Chitosan-TiO2 Based for Anti UV and Self Cleaning Textile Applications	2019	PNBP Melalui LPPM	50
	Utilization of TiO2-Based Nano Composites as a Self Cleaning Coating Material in Acrylic Paint	2019	PNBP melalui FMIPA	10
Industry Collaborations Over The Last 5 Years				
Patents and Proprietary Rights	**Title**	**Patent ID**		**Year**
	Basic Chemistry	083838		2016
	Main Group of Inorganic Chemistry	082917		2016
	Transition Group of Inorganic Chemistry	ISBN: 978-602-449-086-7		2017

Important Publication Over The Last 5 Years	**Dina Kartika Maharani**. 2017. Effect of Zeolit-Chitosan Composites Coating on Urea Fertilizer as Slow Release Fertilizer. Research Journal of Pharmaceutical, Biological and Chemical Sciences. Vol 8 No. 6 **Dina Kartika Maharani**. 2017. Effect of Zeolit-Chitosan Composites Coating on Urea Fertilizer as Slow Release Fertilizer. Reseach Journal of Pharmaceuti cal, Biological and Chemical Sciences (RJPBCS). Vol 8 No. 6 **Dina Kartika Maharani**. 2017. Peningkatan Efisiensi Proses Pewarnaan melalui Agen Fiksasi Ramah Lingkungan pada Kelompok Batik Tulis Pasuruan (Improvement of Staining Process Efficiency through Eco-friendly Fixation Agents in Pasuruan Written Batik Group). Jurnal Abdi. Vol 2 No 2 pp: 30-33 **Dina Kartika Maharani.** 2017. Pelepasan Nitrogren Pada Pupuk Slow Release Urea dengan Menggunakan Matriks Kitosan-Bentonit (Nitrogren Release in Urea Slow Release Fertilizer Using Chitosan-Bentonite Matrix). Unesa Journal Of Chemistry. Vol 6 No 1 **Dina Kartika Maharani**. 2018. Development of Virtual Laboratory Inorganic Chemistry of Main Elements Based on Blended Learning Using Pogil Strategy. Advances in Engineering Research, Atlantis Press. Vol 171 **Dina Kartika Maharani**. 2018. Usage of Chitosan-Silica with Crosslinking Agent as a Matrix For Slow Release Fertilizer. Advances in Engineering Research, Atlantis Press. Vol 171 **Dina Kartika Maharani**. 2018. Analisis Komposisi Unsur Pupuk Lepas Lambat Kitosan-Silikaglutaraldehid (Analysis of the composition of the chitosan-silicaglutaraldehyde release fertilizer). Unesa Journal Of Chemistry. Vol 7 No 1 **Dina Kartika Maharani**. 2017. Qualitative Study of Antibacterial Activity of Chitosan-ZnO/Al2O3 Nanocomposites. Advanced Science Letters. Vol 23 No 12		
Activities in Special Institution	**Organization**	**Position**	**Period**
	Himpunan Kimia Indonesia	Member	2014-now