Prof. Dr. Suyono, M.Pd.

Position	**Chemistry Education Lecturer**			
	Professor on Chemistry Education			
Academic Career	**Degree**	**University**		**Year**
	Bachelor Degree (Chemistry Education)	IKIP Surabaya – Indonesia		1979-1984
	Master Degree (Chemistry Education)	IKIP Malang – Indonesia		1985-1990
	Doctoral Degree (Mathematics and Natural Sciences – Chemistry)	Airlangga University – Indonesia		1993-2002
Employment	**Position**	**Employer**		**Period**
	Professor	Universitas Negeri Surabaya – Indonesia		
Research and Development Projects Over The Last 5 Years	**Title**	**Year**	**Partner/Funder**	**Amount of Financing**
	Preparasi Sarjana Pendidikan Kimia Tanpa Miskonsepsi di FMIPA Unesa *(Preparation of Chemistry Education Bachelor without Misconception at Faculty of*	2015	Ditlitabmas	Rp. 150.000.000,00

	Mathematics and Natural Sciences Universitas Negeri Surabaya)			
	Preparasi Sarjana Pendidikan Kimia Tanpa Miskonsepsi di FMIPA Unesa *(Preparation of Chemistry Education Bachelor without Misconception at Faculty of Mathematics and Natural Sciences Universitas Negeri Surabaya)*	2016	Penelitian Unggulan Perguruan Tinggi	Rp. 225.000.000,00
	Pengembangan Modul Conceptual Change untuk Konsep-Konsep Kimia yang Menyebabkan Miskonsepsi Tinggi pada Mahasiswa Calon Guru *(Development of Conceptual Change Modul for Chemical Concepts That Cause High Misconception in Prospective Teacher Students)*	2017	Penelitian Kebijakan Pascasarjana Unesa	Rp. 60.000.000,00
	Pengembangan Model Penilaian Pembelajaran Tematik dan Pembelajaran Terpadu *(Development of Thematic Learning Assessment Models and Integrated Learning)*	2018	Penelitian Kompetitif Dana Pusat Penilaian Pendidikan	Rp. 250.000.000,00
	Pengembangan Modul Elektronik Berbantuan Website untuk Mereduksi Miskonsepsi Kimia Mahasiswa S2 Prodi Penddikan	2018	Penelitian Kebijakan Pascasarjana Unesa	Rp. 50.000.000,00

	Sains *(Development of Website-Assisted Electronic Modul to Reduce Chemistry Misconceptions of Post-Graduate Students in Science Education Study Program)*			
	Pengembangan Bahan Kuliah Terstruktur pada Mata Kuliah Kimia Fisika 3 Untuk Memfasilitasi Keterampilan Proses Sains, Berargumentasi, dan Pemecahan Masalah *(Development of Structured Lecture Material in Physical Chemistry 3 Course to Facilitate Science Process Skill, Argumentation, and Problem Solving)*	2019	Penelitian Guru Besar, Dana PNBP Melalui LPPM	Rp. 40.000.000,00
Industry Collaborations Over The Last 5 Years				
Patents and Proprietary Rights	**Title**	**Patent ID**		**Year**
	Metode Adsorpsi Kation Logam Emas/Au(III) dari Limbah Cair dengan Biomassa *Saccharomyces cerevisiae* dan Cara Desorpsinya *(Adsorption Method of Gold/Au(III) Metal Cation from Liquid Waste with Saccharomyces cerevisiae Biomass and Its Desorption*	Patent IDP 000042867		2009

	Method)		
	Instrumen untuk Mengukur Kemandirian Belajar Mahasiswa *(Instrument for Measuring Student Learning Independence)*	Copyright Registration Number: 088001	2017
Important Publication Over The Last 5 Years	1. C. M. P. Hidayat and **Suyono**. 2016. Meremediasi Siswa yang Memiliki Beban Miskonsepsi Tinggi pada Ikatan Kimia dan Persepsi Rendah Menggunakan Strategi Analogi (Remediating Students who Have a High Misconception Load on Chemical Bonds and Low Perception by Using Analogy Strategies). *Unesa Journal of Chemical Education Vol 5 No 3 pp: 596-605.* 2. A. Afadil, **Suyono** and S. Poedjiastoeti. 2016. Effectiveness of Learning Based Problem Solving with Aspect Ontology, Epistemology, Axiology to Increase Critical Thinking Ability and Understanding Thermochemical Concept of Students. *International Journal of Active Learning Vol 1 No 2, pp: 66-74.* 3. U. Azizah, **Suyono,** and B. Yonata. 2017. Peningkatan Kompetensi Guru Kimia Melalui Pelatihan Model-Model Pembelajaran Inovatif di Banyuwangi (Chemistry Teacher Competency Enhancement Through Training of Innovative Learning Models in Banyuwangi). *Jurnal Abdi Vol 2 No 2 pp: 91-95.* 4. N. Palisoa, **Suyono**, R. Agustini, and B. K. Prahani. 2017. Integration of Strategy Conceptual Change Using Strategy 3R (Recall, Recognition, and Redintegration) to Reduce Burden High Misconceptions. *International Journal of Education and Research Vol 5 No 3, pp: 37-44.* 5. A. Majid and **Suyono**. 2018. Misconception Analysis Based on Students Mental Model in Atom Structure Materials. *Advances in Engineering Research Vol 171, Atlantis Press ISSN: 2352-5401, ISBN: 978-94-6252-591-7.* 6. Sukarmin and **Suyono**. 2018. The Use of Interactive Multimedia in Balancing Redox Reactions for Facilitating Learning Style Differences. *Advances in Engineering Research Vol. 171, Atlantis Press ISSN: 2352-5401, ISBN: 978-94-6252-591-7.* 7. Suyono. 2018. Tracing Individual Conception in Conceptual Change Stages Using Module Assistance. *International Conference on Science and Technology (ICST), Bali.* 8. **Suyono.** 2019. The Map of Post-5th Semester Pre-Service Chemistry Teachers Conceptions at Universitas Negeri Surabaya. *IOP Conf. Series: Journal of Physics: Conf. Series 1317 (2019) 012148 doi:10.1088/1742-6596/1317/1/012148.* 9. **Suyono,** H. Nasrudin and B. Yonata. 2019. Consistency and Relevance of Structured Lecture Materials in Physical Chemistry 3 Subjects. *Proceedings of the International Conference on Research and Academic*		

<table>
<tr><td></td><td colspan="3">Community Services (ICRACOS 2019), Atlantis Press.
10. Suyono, H. Nasrudin and B. Yonata. 2019. Chemical Education Student Science Process Skills, in Specific and in General Content. Proceedings of the National Seminar on Chemistry 2019 (SNK-19) Atlantis Press.
11. N. K. Pratiwi, Suyono and L. Yuanita. 2019. The students' conception track of low-perception-students through the conceptual change (MCC) module based on mental models on electron configuration concept. Proceedings of the National Seminar on Chemistry 2019 (SNK-19) Atlantis Press.</td></tr>
<tr><td rowspan="2">Activities in Special Institution</td><td>Organization Role</td><td>Position</td><td>Period</td></tr>
<tr><td>Perkumpulan Pendidik IPA Indonesia (PPII)</td><td>Member</td><td>2010-Now</td></tr>
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