STAFF HANDBOOK



Name	**Prof. Dr. Sri Poedjiastoeti, M.Si.**		
Position	**Professor on Chemistry Education**		
Academic Career	**Degree**	**University**	**Year**
	Bachelor Degree (Chemistry Education)	IKIP Negeri Surabaya	1977
	Master Degree (Analytical Chemistry)	UGM Yogyakarta	1995
	Doctoral Degree (Science Education)	Universitas Pendidikan Indonesia (UPI) Bandung	2010
Employment	**Position**	**Employer**	
	Professor	Universitas Negeri Surabaya – Indonesia	
Research and Development Project Over the Last 5 Years	**Title**	**Funder**	**Year**
	Implementasi Model Sorogan-Bandongan dalam Bidang Kimia Sebagai Upaya Meningkatkan Penguasaan Konsep dan Sikap Mahasiswa di Abad 21	PNBP	2021
	Analisis Technological Pedagogical Content Knowledge (TPACK) Berbasis Teknologi Informasi dan Komunikasi (TIK) dengan Pendekatan Structural Equation Modeling (SEM) pada Mahasiswa Calon Guru Kimia		2019
	Rancangan Multimedia Interaktif IPA sebagai Penunjang Gerakan Literasi Sains bagi Siswa Tunarungu		2019
	Efektivitas Multimedia Interaktif (MMI) Dan Kit Dengan Strategi Writing-To-Learn (WTL) dalam Pembelajaran IPA untuk Siswa Tunarungu (Tahun Kesatu)		2017
	Pengembangan Kit Analisis		2016

	Semimikro Kation dan Anion untuk Menunjang Perkuliahan Kimia Analisis Kualitatif		
Community Service Over The Last 5 Years	**Title**	**Funder**	**Year**
	Pelatihan dan Workshop Pembuatan E-modul Interaktif sebagai Inovasi Bahan Ajar di Era Society 5.0		2021
	PKM Pembuatan Produk Bahan Pembersih bagi Masyarakat Tunarungu di Kota Sidoarjo		2020
	PKM Pembuatan Bahan Pembersih (Sabun Transparan dan Sabun Cair) Bagi Kelompok Masyarakat Tunarungu di Kota Gresik		2019
	Pelatihan Penyusunan Soal Berbasis Ketrampilan Berpikir Tingkat Tinggi bagi Guru-guru Kimia di Kabupaten Sumenep Madura		2019
	Pelatihan penyusunan artikel ilmiah berbasis penelitian tindakan kelas (PTK) bagi guru kimia SMA di MGMP Kimia SMA Kabupaten Kediri		2018
	Pemantapan Kompetensi Profesional Guru Kimia di MGMP Kimia SMA Kabupaten Blitar	BOPTN	2017
	Pelatihan Penelitian Tindakan Kelas bagi Guru MGMP Kimia di Kabupaten Banyuwangi	BOPTN	2016
Industry Collaborations Over the Last 5 Years	**Title**	**Partner**	**Year**
Patents and Property Right	**Title**	**Patent ID**	**Year**
	Kimia dalam Kehidupan Sehari-hari untuk SDLB Tunarungu	000190466	2020
	Program Komputer Literasi Sains untuk SDLB Tunarungu	000166537	2019
	Kit Kimia dalam Kehidupan Sehari-hari untuk SMALB Tunarungu	000108185	2018
	Multimedia Interaktif Kimia dalam Kehidupan Sehari-hari untuk SMALB Tunarungu	000141755	2018
	LKS Kimia dalam Kehidupan Sehari-hari untuk SMPLB Tunarungu	000147787	2018
	Multimedia Interaktif Kimia dalam Kehidupan Sehari-hari untuk SMPLB Tunarungu	000141756	2018
Important Publications Over the Last 5	1. Amelia, R.G., and **Poedjiastoeti, S.**, and Hidayat, M.T. (2020). The Effectiveness of Project-Based Learning Models to Train Vocational Skills of Students Majoring in Industrial Chemistry in Vocational High		

Years	School. *International Journal for Educational and Vocational Studies, Vol. 1, No. 8.* 2. 3. **Poedjiastoeti**, S., Wagino, and Soffa, D.A.T. (2019). School Literacy Movement, Scientific Literacy, and Science Matter Inventory for Hearing Impairment Students. Seminar Nasional Kimia Unesa, *Proceeding Atlantiss press.* 4. Ismono, **Poedjiastoeti, S.**, Suyono, and Suyatno. (2019). Train high order thinking skills at undergraduate students chemistry through concept map based learning. *Proceeding SNK-2019* (Published by Atlantis Press)(Indexed in Thomson Reuters). This is an open access article distributed under the CC BY-NC license *5.* Ismono, **Poedjiastoeti**, S., and Suyatno. (2019). Implementation of learning model map concept with inquiry strategy in an effort to train higher-order thinking skills of chemistry education students. *Proceeding International conference on social Science and humanity (ICESSHum, 2019)* 6. Ismono, Suyatno, **Poedjiastoeti, S**. (2019). The Role of Concept Map Learning in Learning Organic Chemistry. *Prosiding Seminar SNK-2019* yang dipublikasikan oleh Atlantis Press (Indexed in Thomson Reuters). 7. **Poedjiastoeti, S.,** Novita, D., Wagino, Purmawanti, D.E. (2019). Involvement of the Hearing Impairment Society in Gresik within Producing and Packaging Transparent and Liquid Soap. *Proceeding International Conference on Research and Academic Community Services (ICRACOS, 2019)*. 8. Aulia, E. V., **Poedjiastoeti, S.,** and Agustini, R. (2018). The Effectiveness of Guided Inquiry-based Learning Material on Students' Science Literacy Skills. *Journal of Physics, IOP Conf. Series: Journal of Physics: Conf. Series 947 (2018) 012049* doi :10.1088/1742-6596/947/1/012049 9. Puspitasari, R. D., **Poedjiastoeti, S.**, and Setiarso, P. (2018). The Validity of The Guided Inquiry Learning Model Tool to Train Students' Scientific Literacy Skills. *Proceedings of the Seminar Nasional Kimia – National Seminar on Chemistry (SNK 2018), Advances in Engineering Research, volume 171, pp. 206-210* 10. Soffa, D.A.T., **Poedjiastoeti, S.**, dan Setiarso, P. (2018). Design and Validation of Teaching Instruments Oriented Problem Solving to Train Students' Metacognitive Skills. *Proceedings of the Seminar Nasional Kimia – National Seminar on Chemistry (SNK 2018), Advances in Engineering Research, volume 171, pp. 129-133* 11. Sukarmin, **Poedjiastoeti, S.,** Novita, D., dan Lutfi, A. (2018). Effectivity of Interactive Multimedia and Student Activity Sheets with Writing-To-Learn (WTL) Strategy in Science Learning for Hearing Impairment Students. *Proceedings of the Seminar Nasional Kimia – National Seminar on Chemistry (SNK 2018), Advances in Engineering Research, volume 171, pp. 211-217* 12. Novita, D., **Poedjiastoeti, S.,** Sukarmin dan Lutfi, A. (2018). The Implementation of Interactive Multimedia and Kits on Food Topic to Facilitate Chemical Students with Hearing Impairment. Proceedings of the International Conference on Science and Technology (IJCST 2018), *Atlantis Highlights in Engineering*, ISBN: 978-94-6252-650-1, ISSN: 2589-4943 13. Ismono, **Poedjiastoeti, S**., dan Sutoyo, S. (2018). Implementation of Learning Model Map Concept With Inquiry Strategy in an Effort to Train

	High-Order Thinking Skills of Chemistry Education Students. *Proceedings of the International Conference on Science and Technology (ICST 2018),* ISBN 978-94-6252-650-1, ISSN 2589-4943 14. Primayudha, R. Y. D., **Poedjiastoeti, S.,** dan Wasis. (2017). Development of Science Learning with Spiritual Approach to Improve the Understanding of Science Concepts in Muslim Boarding School. 1st International Conference on Intellectuals' Global Responsibility, *Advances in Social Science, Education and Humanities Research (ASSEHR), volume 125, pp. 271-273* 15. A'yun, K., Suyono**, Poedjiastoeti, S.,** dan Bin-Tahir, S.Z. (2017). Reduction of Cognitive Conflict and Learning Style Impact Towards Student-Teacher's Misconception Load. *AIP Conference Proceedings 1868, 030004 (2017)*; doi: 10.1063/1.4995103 16. **Poedjiastoeti, S.,** Novita, D., Miseri, and Wagino. (2017). Design and Development of Student Worksheet with Writing to Learn Strategy on The Chemistry in Daily Life Topic for Hearing Impairment Students. *ICOMSE Conference Proceedings 2017*, ISBN: 978-602-470-051-5 17. Dewi, I.N., **Poedjiastoeti S.,** dan Prahani, B.K. (2017). Elsii Learning Model Based Local Wisdom to Improve Students' Problem Solving Skills and Scientific Communication, *International Journal of Education and Research, Vol. 5 No. 1* 18. Zahro, H., and **Poedjiastoeti, S.** (2016). Pengembangan Lembar Kerja Siswa (LKS) Berbasis Kontekstual pada Bahan Kimia dalam Kehidupan Sehari-Hari Untuk Siswa Kelas VIII d SMPLB Tunarungu. *Unesa Journal of Chemical Education, ISSN: 2252-9454 Vol. 5 , No.3* 19. Erta, N.A., and **Poedjiastoeti, S**. (2016). Pengembangan Lembar Kegiatan Siswa (LKS) Berorientasi Contextual Teaching And Learning (CTL) untuk Melatihkan Keterampilan Proses Sains Pada Materi Larutan Elektrolit dan Nonelektrolit Kelas X SMA. *UNESA Journal of Chemical Education, Vol. 5, No. 1, pp. 134-142* 20. Afadil, Suyono, dan **Poedjiastoeti, S.** (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.* 21. **Poedjiastoeti, S.,** dan Sabtiawan, W.B. (2016). Melatihkan Keterampilan Pemecahan Masalah pada Mahasiswa Kimia. *Jurnal Penelitian Pendidikan Kimia JPPK, Vol. 3 No. 1*

Activities in Specialist Bodies Over the Last 5 Years	**Role**	**Position**	**Period**