

STAFF HANDBOOK



Name	Beni Setiawan, S.Pd., M.Pd. Ph.D.		
Position	Lecturer at Science Education, Universitas Negeri Surabaya (UNESA)		
Academic Career	Bachelor Degree	Chemistry Education, UNESA	Graduated 2003
	Master Degree	Science Education, UNESA	Graduated 2007
	Doctoral Degree	Program of Science Education, National Dong Hwa University. Taiwan	Graduated 2021
Employment	Lecturer	Universitas Negeri Surabaya	2008 - now
Research and Development Project over the last 5 years	1. Analisis Kemampuan Literasi Sains Peserta Didik SMP Terkait Pandemi Covid-19. 2. Eksplorasi Research Gap Science for Sport Berbasis Database Internasional Bereputasi: Kontribusi Sains dalam Menunjang Olah Raga Sebagai Unggulan UNESA 3. Pengembangan Instrumen Penilaian Kompetensi Literasi Sains Berbasis Kearifan Lokal dalam Melacak Pemahaman Peserta Didik terhadap isu-isu kesehatan 4. Eksplorasi Dan Eksplanasi Sains Asli (Indigenous Science) Dalam Upaya Internalisasi Dan Rekognisi Kearifan Lokal Dalam Pembelajaran Sains: Studi Komparasi Antara Indonesia Dan Taiwan 5. When STEM Identity Meets Pseudoscience: Taking the Astrology and the Green Bag of Guai Guai Puffcorn as an Example 6. Rekontruksi Integrasi Model Pembelajaran Proyek dan Etno-STEM Bahan Kajian Volatil Organic Compound (VOC) Teh Lokal Indonesia dan Malaysia Untuk Penguatan Karakter Kearifan Lokal Global Mahasiswa		2021 2021 2022 2022 2023 2023

	7. Pengaruh Asesmen Formatif Terhadap Prestasi Akademik Dan Keterampilan Self-Regulation Dalam Pembelajaran IPA SMP	2023
	8. Analisis Pengalaman Kritis, Kemampuan Literasi Informasi, dan Kemampuan Technological Pedagogical and Content Knowledge (TPACK) Guru Kimia di SMA	2023
	9. Pengembangan Project Steam Berbasis ESD Dalam Meningkatkan Kemampuan Menyelesaikan Masalah Bagi Mahasiswa Calon Guru IPA di Indonesia	2023
	10. Pengembangan Perangkat Pembelajaran Etnosains dalam Merekonstruksi dan Eksplanasi Sains Asli (Indigenous Science) untuk Rekognisi Kearifan Lokal dan Sustainability	2024
	11. Eksplorasi Kearifan Lokal Terhadap Realitas Perubahan Iklim dalam Pembelajaran Sains untuk Mendukung SDGS: Studi Komparasi pada sekolah-sekolah di Pulau Kecil Indonesia dan Filipina	2025
	12. Model Pembelajaran Proyek Inkuiri (MPPjI) dengan Deep Learning (DL) terintegrasi Ethnosains dan Socio-Scientetific Issues (Ethno-SSI) berbasis virtual reality (VR) pada bahan kajian produksi minuman tradisional dan rempah untuk aktualisasi SDGs bidang pendidikan dan lingkungan	2025
Industry Collaborations over the last 5 years	1. IbM Pondok Pesantren 2. IbM MGMP IPA Kota Probolinggo	2015 2016
Patents and Property right	-	
Important Publications over the last 5 years	1. Integrated Science Learning Webbed Type in Permaculture Theme and BRADeR Model to Enhance Science Literacy Competence of Junior High School Students 2. Prospective science teachers' knowledge, awareness and understanding of climate change: a case study in Indonesian higher education institution 3. Investigating Culinary Vocational Students' Sustainability Action through Learning of Physical and Chemical Changes 4. How to Increase Students' Global Diversity Character: Study of the Influence of Ethno-	2025 2025 2025 2024

	STEM-Integrated Project Learning Model on Indonesian Tea Aroma Volatile Compounds	
5.	The Efficacy of Blended Learning in The Eyes of ARCS Model	2023
6.	How to Deal and Negotiate with the Campus Environment? Female Students' Experiences in Reconstructing Gender Identity	2023
7.	The Development of Indonesia National Curriculum and Its Changes: The Integrated Science Curriculum Development in Indonesia	2022
8.	Comics Problem-based Learning Model Implementation to Improve Students' Learning Outcomes on Heat and Its Transmission.	2022
9.	Culturally responsive pedagogical content knowledge (CRPCK): The analyse of ethnoscience course on pre-service science teacher. Society of Japan Science Teaching (SJST)	2019
10.	The Myths of 'International': The Understanding of Pedagogical Content Knowledge (PCK) of Pre-Service Teachers from International Program and Regular Program in Science Education Department. (International Conference of East-Asian Association for Science Education)	2018
11.	Navigating New Waters: Indonesian Muslims Practicing Islam in a Taiwanese University (Mathematics, Informatics, Science, and Education International Conference (MISEIC)	2018
12.	Fostering a Student's Skill for Analyzing Test Items Through an Authentic Task (Published in Scopus-indexed AIP Conference Proceeding)	2017
13.	The Development of Local Wisdom-Based Natural Science Module to Improve Science Literation of Students (Volume 6, Issue 1. p-ISSN: 2339-1286, e-ISSN: 2089-4392 . DOI: http://dx.doi.org/10.15294/jpii.v6i1.9595)	2017
14.	Students' Perceptions Toward Implementation of Indonesia Local Wisdom-Oriented Learning in Higher Education (International Conference of Science Education (ICoSed)).	2017
15.	The Application of Inquiry Learning Model to Improve "Satu Atap" Learning Results at SMPN 4 Singosari Malang. (Jurnal Pendidikan IPA Indonesia (JPII)-Indexed Scopus, Vol. 5, No. 1, p-ISSN: 2339-1286, e-ISSN: 2089-4392))	2016
16.	The application of inquiry learning model to improve "Satu Atap" students' learning results at SMPN 4 Singosari Malang. <i>Jurnal Pendidikan IPA Indonesia</i>	2016

	17. Pendampingan Pembuatan Artikel PTK Bagi Guru IPA Kota Probolinggo. 18. The Development Of Science Education Undergraduate Curriculum With IQF/KKNI Orientation (International Seminar. Mathematics and Natural Science Faculty, State University of Manado. Indonesia)	2016 2015
Activities in specialist bodies over the last 5 years	1. East-Asian Association for Science Education (EASE). Card number: 4695-5300-8697-5107 2. Australasian Science Education Research Association (ASERA). ABN: 85 092 482 329 3. Perkumpulan Pendidik IPA Indonesia (PPII). Card number: 008/PPII/2015	