STAFF HANDBOOK

Name	**Prof. Dr. Endang Susantini, M.Pd.**			
Position	*Professor of Biology Learning Strategies*			
Academic Career	**Degree**	**University**		**Year**
	Bachelor Program in Biological Education	*IKIP Surabaya-Indonesia*		*1984-1990*
	Master Program in Biological Education	*IKIP Malang -Indonesia*		*1990-1993*
	Doctoral Program in Biological Education	*Universitas Negeri Malang-Indonesia*		*1999-2004*
Employment	**Position**	**Employer**		**Period**
	Lecturer in the Department of Biology, Faculty of Mathematics and Natural Sciences	*Universitas Negeri SurabayaIndonesia*		*1991- now*
	Professor of Biology Learning Strategies	*Universitas Negeri Surabaya-Indoesia*		*2011- now*
	Head of the Biological Education Study Program	*Universitas Negeri Surabaya- Indonesia*		*2016-2019*
Research and Development Project Over the Last 5 Years	**Title**	**Funder**	**Year**	**Amount of Financing (million)**
	Pengembangan Perangkat Perkuliahan Biologi Berorientasi Strategi Metakognitif Untuk Melatih Strategi Belajar Metakognitif	**Partnership with:** *Universitas Negeri Malang, Indonesia*	*2017-2019*	*120/year*
	Pengembangan Perangkat Perkuliahan Biologi Berorientasi Strategi Metakognitif Untuk Melatih Strategi Belajar Metakognitif	*Penelitian Unggulan Perguruan Tinggi*	*2018*	*155*

	Pengembangan Perangkat Pembelajaran Model Inkuiri Terintegrasi Kearifan Lokal untuk Melatih Keterampilan Berpikir Kritis dan Disposisi Berpikir Kritis Mahasiswa	*Penelitian Kerjasama Antar PT*	*2018*	*110*
	Pengembangan Aplikasi Learning HOTS-Link Berbasis Android untuk Melatih Cara Mengajar Keterampilan Berfikir Tingkat Tinggi pada Materi Biologi	*Penelitian DRPM*	*2021*	*135,015*
	Aplikasi Assessment-Link Sebagai Media Untuk Melatih Keterampilan Menganalisis Pada Tes Biologi Berdasarkan Taksonomi Bloom Revisi.	*Penelitian PNBP*	*2021*	*75*
	Pengembangan Buku Monograf Strategi Metakognitif	*Penelitian Dasar LPPM*	*2022*	*50*
	Pengembangan Keterampilan Berfikir Kritis, Self Efficacy, dan Sikap Positif terhadap Kimia Melalui Pembelajaran Inkuiri Terbimbing Berbasis Science, Technology, Engineering, and Mathematics (STEM) di Sekolah	*Penelitian Kompetitif Dasar Pascasarjana*	*2022*	*45*
	Pengembangan Modul Berbasis Web Untuk Melatihkan Keterampilan Ekoliterasi Kreatif berintegrasi Model Pembelajaran PJBL	*Penelitian Disertasi Doktor*	*2022*	*50*
	Pengembangan e-Book Berbasis Kearifan Lokal Daerah Tambak Ikan Gresik untuk Melatih Keterampilan Scientific Reasoning Siswa	*Penelitian Tesis Magister*	*2022*	*20,8*
Community Service Over The Last 5 Years	**Title**	**Funder**	**Year**	**Amount of Financing (million)**
	Pelatihan Penyusunan Karya Tulis Ilmiah Untuk Guru-Guru Mata Pelajaran IPA SMA Di Kabupaten Magetan	*PNBP Pascasarjana*	*2019*	*15*
	Merancang Pembelajaran	*PNBP FMIPA Unesa*	*2019*	*7,5*

	Abad 21 Bagi Guru IPA di Kabupaten Nganjuk			
	Pelatihan pembuatan Minuman Kesehatan berbasis Herbal untuk warga Desa Binaan di Kabupaten gresik	*PKM Kebijakan Pasca*	*2020*	*20*
	Pelatihan Penyusunan IKPD Berdasar Lab Virtual Bagi Guru Biologi di Kabupaten Nganjuk	*PKM Kebijakan Pascasarjana*	*2021*	*15*
	Pelatihan Pengelolaan EAssesment Bagi Guru Biologi Era Pandemi Covid-19.	*PKM Kebijakan FMIPA*	*2021*	*10*
	Pelatihan Penyusunan Modul Sesuai Kurikulum Merdeka Bagi Guru Biologi Kota Mojokerto	*PKM Kebijakan Pascasarjana*	*2022*	*15*
	Pelatihan Pengembangan Instrumen Asesmen Nasional untuk Meningkatkan Kompetensi Profesional guru SDN Gisik Cemandi Sidoarjo	*PKM Kebijakan FMIPA*	*2022*	*10*
Industry Collaborations Over the Last 5 Years	**Title**	**Partner**		**Year**
Patents and Property Right	**Title**	**Patent ID**		**Year**
	Strategi Belajar Metakognitif: Teori dan Implementasi	*Registration number : EC00201807463 Registration date : 28 Maret 2018*		*2018*
	Genetika	*Registration number : 000115146 Registration date : 2018*		*2018*
	Pengembangan Model Pembelajaran CinQase Untuk Meningkatkan Keterampilan Individual Critical Thinking (InCT) dan Collaborative Critical Thinking (CCT) Mahasiswa	*Registration number : 000160430 Registration date : 2019*		*2019*
	Video Pembelajaran Strategi Metakognitif: Melatihkan I-Mindmap Melalui Direct Instruction Pada Topik Ekosistem	*Registration number : 000159338 Registration date : 2019*		*2019*
	Video Pembelajaran Pendekatan Saintifik Berbasis Contextual Teaching and Learning pada Topik Pengukit pada Sistem Gerak Manusia	*Registration number : 000159338 Registration date : 2019*		*2019*

	Metode Ekstrak Kholkisin dari Akar, Umbi, batang, dan Daun Kembang Sungsang (Gloria Superba) dan Aplikasinya untuk membuat bawang poliploidi	*Registration number : IDP000065619* *Registration date : 2019*	*2019*
	ASSESSMENT-Link	*Registration number : 000273148* *Registration date : 2021*	*2021*
	Game Edukasi "The Adventure Of Atom" Berbasis Problem Solving	*Registration number : 000303499/ EC00202175542* *Registration date : 2021*	*2021*
Important Publications Over the Last 5 Years	**Susantini, E.**, *Indana, S., & Isnawati. (2018). Using metacognitive strategy to teach learning strategies: A study of Indonesian pre-service biology teachers. The New Educational Review, 52(2), 258–268.*		
	Susantini, E., *Faizah, U., Yonata, B., Kurniasari, I., & Suryanti. (2018). Using instructional video to improve awareness of scientific approach in science classroom. Asia-Pacific Forum on Science Learning and Teaching, 19(1).*		
	Hadi, S. A., **Susantini, E.**, *& Agustini, R. (2018). Training of Students' Critical Thinking Skills through the implementation of a Modified Free Inquiry Model. In Journal of Physics: Conference Series (Vol. 947).*		
	Ariani, S., Rahayu, Y. S., & **Susantini, E.** *(2018). The Influence of Inquiry Method on Student Learning Result with Different Class Learning Style on Plantae Material. In Journal of Physics: Conference Series (Vol. 1108).*		
	Erlina, N., **Susantini, E.**, *Wasis, Wicaksono, I., & Pandiangan, P. (2018). The effectiveness of evidence-based reasoning in inquiry-based physics teaching to increase students' scientific reasoning. Journal of Baltic Science Education, 17(6), 972– 985.*		
	Siswanto, J., **Susantini, E.**, *& Jatmiko, B. (2018). Practicality and effectiveness of the IBMR teaching model to improve physics problem solving skills. Journal of Baltic Science Education, 17(3), 381–394.*		
	Siswanto, J., **Susantini, E.**, *& Jatmiko, B. (2018). Multi-representation based on scientific investigation for enhancing students' representation skills. In Journal of Physics: Conference Series (Vol. 983).*		
	Evendi, **Susantini, E.**, *Wasis, W., & Prahani, B. K. (2018). Improving Students' Scientific Asking Skills through the Implementation of Question Webs Based Learning Model. In Journal of Physics: Conference Series (Vol. 1108).*		
	Susantini, E., *Sumitro, S. B., Corebima, A. D., & Susilo, H. (2018). Improving learning process in genetics classroom by using metacognitive strategy. Asia Pacific Education Review, 19(3), 401–411.*		
	Hunaidah, H., **Susantini, E.**, *Wasis, W., Prahani, B. K., & Mahdiannur, M. A. (2018). Improving Collaborative Critical Thinking Skills of Physics Education Students through Implementation of CinQASE Learning Model. In Journal of Physics: Conference Series (Vol. 1108).*		
	Susantini, E., *Kurniasari, I., Fauziah, A. N. M., Prastowo, T., Kholiq, A., & Rosdiana, L. (2018). Engaging pre-service teachers to teach science contextually with scientific approach instructional video. In IOP Conference Series: Materials Science and Engineering (Vol. 296).*		
	Erlina, N., **Susantini, E.**, *& Wasis, W. (2018). Common False of Student's Scientific Reasoning in Physics Problems. In Journal of Physics: Conference Series (Vol. 1108).*		
	Susantini, E., *Indana, S., Isnawati, & Nursanti, A. (2019). Enabling indonesian preservice teachers to design biology learning tools using metacognitive strategy. Jurnal Pendidikan IPA Indonesia, 8(3), 391–397.*		

	Karmana, I. W., Ibrahim, M., & **Susantini, E.** *(2019). Development of KarmanaProblem Based Learning Modelto Train Problem Solving Skills and Concept Mastery of Biology Teacher Candidates. In Journal of Physics: Conference Series (Vol. 1227).*		
	Hunaeipi, Firdasu, L., Samsuri, T., **Susantini, E.**, *and Raharjo. (2020). Efektifitas Perangat Pembelajaran Inkuiri Terintegrasi Kearifan Lokal Terhadap Keterampilan Berpikir Kritis Mahasiswa. Jurnal Pendidikan dan Kebudayaan Vol. 10 (3), pp. 269-281*		
	Susantini, E, *Suyatno, Wasis, Haniza H. M. Zain and Mohamad T Borhan (2021) Developing an Assessment-Link Mobile Application: A Catalyst for Pre-service Biology Teachers to Analyse Cognitive Test. E3S Web of Conferences 328, 0 (2021) ICST 2021 4008, https://doi.org/10.1051/e3sconf/202132804008*		
	A.E. Kusuma, **E. Susantini.** *(2022). The Effect of Rode Learning Model on Enhancing Students Communication Skills. Studies in Learning and Teaching Journal. Vol 3.(3), pp.132-140*		
	E. Susantini, *B. Kartowagiran, S. Hamdi, S. Hadi, A. Jaedun, I. Wesnawa, D. Sunendar, L.A.R. Laliyo. (2022). Developing Competency Evaluation of Pre-Service Science Teachers in Industrial Revolution 4.0: Revealing Pedagogic and Professional Competencies. International Journal of Educational Methodology. Vol. 8 (2), pp.347-352*		
	C.A.Kriswanti, & **E. Susantini**. *(2023). Application of CK-12 on Bacterial Topic Constructed on Inquiry Based Learning to Enhance Critical Thinking Ability of 10th Grade High School Students. Berkala Ilmiah Pendidikan Biologi (BioEdu). Vol.12 (1), pp. 188-200.*		
Activities in Specialist Bodies Over the Last 5 Years	**Organization**	**Role**	**Period**
	Indonesian Association of Biology Researchers and Educators (HPPBI) Jawa Timur	*Advisor*	*2018- now*
	World Association of Lesson Studies (WALS)	*Member*	*2017 - now*