

STAFF HANDBOOK



Name	Prof Nadi Suprpto, M.Pd., Ph.D		
Position	<i>Philosophy of science, Curriculum analysis, and Physics for school</i>		
	<i>Lecturer in Physics Education Study Program</i>		
	<i>Professor of Physics Education, Physics Department, Universitas Negeri Surabaya (The State University of Surabaya)</i>		
	<i>Degree</i>	<i>University</i>	<i>Year</i>
Academic career	Bachelor at Physics Education	Universitas Negeri Surabaya - Indonesia	1999-2003
	Master of Science Education	Universitas Negeri Surabaya - Indonesia	2003-2006
	Doctor of Philosophy in Science Education	National Dong Hwa University, Taiwan	2014-2017
Employment	<i>Position</i>	<i>Employer</i>	<i>Period</i>
	Lecturer on Physics Education Study Program	Universitas Negeri Surabaya - Indonesia	2005-now
	Secretary of the Physics Department	Faculty of Mathematics and Natural Sciences, Universitas Negeri Surabaya - Indonesia	2019-2021

	Head of Physics Study Program	Physics Department Faculty of Mathematics and Natural Sciences, Universitas Negeri Surabaya - Indonesia	2019- 2021	
	Coordinator of International Ranking Division, Universitas Negeri Surabaya	Universitas Negeri Surabaya - Indonesia	2021	
	Director of Innovation, Ranking and Scientific Publications	Universitas Negeri Surabaya - Indonesia	2022- Now	
Research and development projects over the last 5 years	Title	Funder	Year	Amount of Financi ng (million)
	Eksplorasi Dan Eksplanasi Sains Asli (Indigenous Science) Dalam Upaya Internalisasi Dan Rekognisi Kearifan Lokal Dalam Pembelajaran Sains: Studi Komparasi Antara Indonesia Dan Taiwan <i>(Exploration and Explanation of Indigenous Science in an Effort to Internalize and Recognize Local Wisdom in Science Learning: A Comparative Study Between Indonesia and Taiwan)</i>	Penelitian Kolaborasi (LPPM)	2022	100
	Pendampingan Desa Tengket Menjadi Desa Wisata Berbasis Kearifan Lokal Kerapan Sapi Melalui Upgrading Social Media, Sport Tourism, Dan virtual Tourism <i>(Assistance in Tengket Village to become a tourism village based on local wisdom of cattle frequency through upgrading social media, sport tourism, and virtual tourism)</i>	PKM Kompetitif LPPM 2022	2022	28
	Pelatihan Penulisan Artikel Ilmiah untuk Meningkatkan Publikasi Ilmiah Guru MGMP Kota Surabaya	Kebijakan Fakultas (FMIPA)	2022	10
	Engembangan Instrumen Penilaian Keterampilan Argumentasi Dan Berpikir Kritis Pada Matakuliah Ilmu	Penelitian Kompetitif FMIPA	2022	20

	Pengetahuan Bumi Dan Antariksa			
	<p>Eksplorasi Konsep-Konsep Fisika Berbasis Kearifan Lokal Melalui "Place-Based Education": Optimalisasi Technopark Dan Obyek Wisata Di Jawa Timur</p> <p><i>(Exploration of physics concepts based on local wisdom through "place-based education": optimization of technoparks and tourism objects in East Java)</i></p>		2019	259.266
	<p>Profil jurusan fisika Unesa sebagai pencitraan tri dharma Perguruan Tinggi untuk persiapan visitasi akreditasi 2020</p> <p><i>(Profile of Unesa physics department as an imaging of the tri dharma of Higher Education in preparation for the 2020 accreditation visitation)</i></p>		2019	10
	<p>Pemetaan dan Evaluasi Laboratorium Fisika SMA Di Jawa Timur Dalam Upaya Pencapaian Kompetensi Dasar (KD) Keterampilan Kurikulum 2013 Melalui "Photovoice</p> <p><i>(Mapping and Evaluation of High School Physics Laboratory in East Java in an Effort to Achieve Basic Competency (KD) Skills Curriculum 2013 through "Photovoice)</i></p>		2019	312.490
	<p>Pemetaan profil tugas akhir mahasiswa program studi pendidikan fisika sebagai upaya pemerataan dan pengoptimalan tugas akhir pada seluruh bidang kajian penelitian</p> <p><i>(Mapping the final project profile of physics education study program students as an effort to equalize and optimize the final project in all fields of research studies)</i></p>		2018	10

	Pengembangan buku ajar School Curriculum Analysis untuk mahasiswa kelas unggulan Program Studi Pendidikan Fisika Universitas Negeri Surabaya (<i>Development of School Curriculum Analysis textbooks for excellent class students of the Physics Education Study Program, Surabaya State University</i>)		2018	10
Patents and proprietary rights	Title	Year		
	Instrumen tes diagnostik berformat four-tier untuk mengidentifikasi profil konsepsi siswa pada materi teori kinetik gas, Hak Cipta Pendaftaran: EC00201976607	2019		
Important publications over the last 5years	Title	Year		
	Lathif,M.A, Suprpto,N. (2023). Analisis Persiapan Guru dalam Mempersiapkan Kegiatan P5 (Projek Penguatan Profil Pelajar Pancasila) pada Implementasi Kurikulum Merdeka. Jurnal Pendidikan & Pengajaran (Jupe2), 1(2), 271-279. https://doi.org/10.54832/jupe2.v1i2.169	2023		
	Anggraeni,D.M., Prahani,B.K., Suprpto,N. , Shofiyah,. Jatmiko,B. (2023). Systematic review of problem based learning research in fostering critical thinking skills, Thinking Skills and Creativity. Elsevier. 49. 101334, ISSN 1871-1871, https://doi.org/10.1016/j.tsc.2023.101334 .	2023		
	Alifteria, F. A., Prastowo, T., & Suprpto, N. (2023). Analysis of Students' Critical Thinking Skills on Virtual Reality Learning Media. IJORER : International Journal of Recent Educational Research, 4(1), 59-67. tps://doi.org/10.46245/ijorer.v4i1.275	2023		
	Rusydiana, U., Widodo, W., & Suprpto, N. (2023). The Development of Picture Story Book to Improve the Science Literacy Skills of Grade 4 Elementary School Student. Studies in Philosophy of Science and Education, 4(1), 22-34. https://doi.org/10.46627/sipose.v4i1.274	2023		
	Admoko, S., Arizah, K. L., Suprpto, N. , Deta, U. A., Suliyannah, S., Hariyono, E., Madlazim, M., Uulaa, R. F. R., Rasuliy, M. W., & Nugroho, Y. S. (2023). Research on Bibliometric Analysis of Toulmin's Argument Pattern (TAP) in Learning Physics in the Last Ten Years. International Journal of Current Educational Research, 2(1), 66-79. https://doi.org/10.53621/ijocer.v2i1.184	2023		

Bestiantono, D. S. , Hariyono, E. , & Suprpto, N. (2023). Light Pollution Phenomenon: Prior Knowledge, Attitudes, and Awareness of Physics Undergraduate Students at State University of Surabaya. <i>Jurnal Penelitian Pendidikan IPA</i> , 9(1), 149–153. https://doi.org/10.29303/jppipa.v9i1.2637	2023
Suprpto, N. , Deta,U.A., Suliyanah et al. Glocalization of madurese bull racing: a cross-sectional study with equation modeling in ethnophysics, 28 March 2023, PREPRINT (Version 1) available at Research Square [https://doi.org/10.21203/rs.3.rs-2739323/v1]	2023
Prahani, B. K., Amiruddin, M. Z., Suprpto, N. , Deta, U. A., & Cheng, T. H. (2022). The trend of physics education research during COVID-19 pandemic. <i>International Journal of Educational Methodology</i> , 8(3), 517-533. https://doi.org/10.12973/ijem.8.3.517	2022
Chasanah, N., Widodo, W., & Suprpto, N. (2022). Pengembangan Instrumen Asesmen Literasi Sains Untuk Mendeskripsikan Profil Peserta Didik. <i>PENDIPA Journal of Science Education</i> , 6(2), 474–483. https://doi.org/10.33369/pendipa.6.2.474-483	2022
Hidaayatullaah, H. N., Suprpto, N. , Sunarti, T., & Cheng, T.-H. (2022). Production Analysis and Scientific Mapping on Flipped Classroom Research During Covid-19. <i>Studies in Learning and Teaching</i> , 3(2), 132-146. https://doi.org/10.46627/silet.v3i2.224	2022
Suprpto, Nadi ; Prahani, Binar Kurnia; and Deta, Utama Alan, "Research Trend on Ethnoscience through Bibliometric Analysis (2011-2020) and The Contribution of Indonesia" (2021). <i>Library Philosophy and Practice (e-journal)</i> . 5599. https://digitalcommons.unl.edu/libphilprac/5599	2021
Suprpto, N. (2020). Do We Experience Misconceptions?: An Ontological Review of Misconceptions in Science. <i>Studies in Philosophy of Science and Education</i> , 1(2), 50-55. https://doi.org/10.46627/sipose.v1i2.24	2020
Using Inquiry-Based Laboratory to improve students' Higher Order Thinking Skills (HOTs), <i>Journal of Physics: Conf. Series</i> 1171	2019
Students' responds in using Beboo to learn Static Fluid concept, <i>Journal of Physics: Conf. Series</i> 1171	2019
Demographic sources as a local wisdom: Potency of Indonesian physics education researchers in conducting survey research. <i>Journal of Physics : Conference Series (JPCS), Journal of Physics: Conf. Series</i> 1171	2019

Development and validation of Students' Perception on Learning By Questioning Scale in Physics, <i>International Journal of Instruction</i> , 12(2)	2019
Life Adjustment of International Students in Eastern Taiwan, <i>Journal of International Students</i> , 9(2)	2019
One-stop physics E-Book package development for senior high school learning media, <i>International Journal of Emerging Technologies in Learning</i> , 14(19), pp. 150-158	2019
Exploration of Physics Concepts of Jatim Park: From Classical Physics to Digital Technology, <i>Journal of Physics: Conference Series</i> volume 1361 article number 012060	2019
The performance assessment of undergraduate students in physics laboratory by using guided inquiry, <i>Journal of Physics: Conf. Series</i> 997	2018
The effectiveness of flipped classroom learning model in secondary physics classroom setting, <i>Journal of Physics: Conf. Series</i> 997	2018
The Students' misconceptions profile on chapter gas kinetic theory, <i>Journal of Physics: Conf. Series</i> 997	2018
The differences in analysing strategy of viscosity experiment between freshmen and laboratory assistant, <i>Journal of Physics: Conf. Series</i> 997	2018
Correction factors in determining speed of sound among freshmen in undergraduate physics laboratory, <i>Journal of Physics: Conf. Series</i> 997	2018
Analysis of graphical representation among freshmen in undergraduate physics laboratory, <i>Journal of Physics: Conf. Series</i> 997	2018
Exploring physics concepts among novice teachers through CMAP tools, <i>Journal of Physics: Conf. Series</i> 997	2018
The effectiveness of collaborative problem based physics learning (CPBPL) model to improve student's self-confidence on physics learning, <i>Journal of Physics: Conf. Series</i> 997	2018
Minimizing misconception of ionization energy through three-tier diagnostic test, <i>Periodico Tche Quimica</i> , 30	2018

	Learn physics using interactive demonstration to reduce the students' misconceptions on mechanical wave, <i>Advances in Intelligent Systems Research (AISR)</i> , 157, 243-247.	2018	
	One decade of the "Iusi" mud volcano: Physical, chemical, and geological dimensions, <i>Chemistry: Bulgarian Journal of Science Education</i>	2017	
	Pre-service teachers' attitude towards (teaching) science and their science learning at Indonesia Open University, <i>Turkish Online Journal of Distance Education</i> ,	2017	
	The implementation of multiple intelligence in (science) classroom: From empirical into critical, <i>Pedagogika</i> 126(2)	2017	
Activities in specialist bodies	Organization	Role	Period
	Physical Society of Indonesia (PSI)	Member	2018 – Now
	NARST (National Association for Research in Science Teaching)	Member ID: 1013087	2017
	East Asian Association of Science Education (EASE)	Member	2014-2017