STAFF HANDBOOK

Name	Dr. Martini, M.Pd.		
Position	Lecturer at Science Education, Universitas Negeri Surabaya (UNESA)		
Academic Career (Pendidikan)	Bachelor Degree (S1)	Chemistry Education, IKIP Surabaya	Graduated 1991
	Master Degree (S2)	Science Education, Universitas Negeri Surabaya	Graduated 2001
Employment (pekerjaan)	Lecturer	Universitas Negeri Surabaya	2001 - now
Research and Development Project over the last 5 years (Judul Penelitian dalam kurun waktu 5 tahun)	1. The Impact of ChatGPT Integration in the Debate Based on Inquiry Learning (DBOIL) Model on the Argumentation Skills of Prospective Science Teacher Students. 2. Competency Model: Implementation of Structured Assignments for Developing TPACK-Based Teaching Modules for Prospective Science Teachers. 3. Implementation of Conditional Activity Mode in LMS on Student Participation in Hybrid Learning. 4. An intensive scaffolding in addressing macroscopic socio scientific issues to help college student learning science at microscopic level (anggota). 5. Learning From Home (LFH) with a discussion method via WhatsApp group (WAG) to train the questioning skill of students (members). 6. The deep learning potential of top and non-top students in analyzing biochemical cases (member).		2025 2024 2023 2021 2020 2019
Industry Collaborations over the last 5 years	1. Assistance in Creating Science Student Worksheets Based on Deep Learning to Train Students' Science Literacy for Science Teachers. 2. Assisting Junior High School Science Teachers in Designing Independent Curriculum Teaching Modules with the Understanding by Design Strategy.		2025 2024 2023

	3. Training on Making Learning Videos for Science Teachers According to The Principles of Productive use of Video Framework. 4. Training on Differentiated Learning DesignAccording to The Independent Curriculum Framework for Science Teachers 5. Blended LearningTraining with a Scientific Approach to Science Learning for Junior High School Teachers in Gresik District.	2022 2021
Patents and Property right	1. Modul Ajar IPA SMP Terintegrasi TPACK 2. Science Learning Scaffolding Model Based on Socio-Scientific Issues. 3. Computer Programs ALLR Scientific Inquiry.	2024 2021 2020
Important Publications over the last 5 years	1. Citra Ayu Dewi, **Martini,** Mujakir. Trends and effectiveness of metacognitive strategies in chemistry learning: A systematic Review. *Multidisciplinary Review*.2026141. 2. CA Dewi, **Martini**, Gazalic, N Rahmand, M Zulhariadie, AT Wicaksono, TP Astutik. The Development of Ethnoscience Based Acid-Base Modules to Improve students' Scientific Literacy ability. *International Journal of Innovation, Creativity and Change*. www.ijicc.net Volume 14, Issue 1, 2020. 3. Citra Citra Ayu Dewi, Maria Erna, **Martini**, Ikhfan Haris, I Nengah Kundera. The effect of contextual collaborative learning based ethnoscience to ıncrease student's scientific literacy ability. *Journal of Turkish Science Education*. Volume: 18 Issue: 3 (2021). 4. **Martini** Martini, W.Widodo, Ahmad Qosyim, Muhamad Arif Mahdiannur. Improving Undergraduate Science Education Students' Argumentation Skills through Debates on Socioscientific Issues. Jurnal Pendidikan IPA Indonesia. 10 (3).	2025 2020 2021 2021
Activities in specialist bodies over the last 5 years	Members of the Indonesian Science Educators Association	2021-2026