STAFF HANDBOOK

Name	Dhita Ayu Permata Sari, S.Pd.,M.Pd.		
Position	Lecturer at Science Education, Universitas Negeri Surabaya (UNESA)		
Academic Career	Bachelor Degree	Biology Education, Universitas Negeri Surabaya	Graduated 2008
	Master Degree	• Science Education, Universitas Negeri Surabaya	Graduated 2013
Employment	Lecturer	Universitas Negeri Surabaya	2014 - now
Research and Development Project over the last 5 years	1. Implementation of H5P and AI-based Deep Learning to Strengthen Science Literacy of Prospective Science Teacher Students 2. A Study of the Nutritional Value, Glycemic Index, and Glycemic Load of Yacon Prebiotic Syrup to Support the Standardization of Superior Products 3. Development of Authentic Assessment for Science Subject Assessment Based on Deep Learning Approach 4. Development of Activity-Based Learning and H5P-Assisted Reflection to Strengthen the Pancasila Student Profile of Prospective Science Teachers 5. Quality Test of Yanasa Prebiotic Syrup as a Functional Food: In-Vitro and In-Vivo 6. Analysis of the Abilities of Prospective Professional Science Teacher Students in Developing Multiple Choice Question Items 7. The Influence of Formative Assessment on Academic Achievement and Self-Regulation Skills in Junior High School Science Learning 8. Development of a Local Wisdom-Based Scientific Literacy Competency Assessment Instrument to Track Students' Understanding of Health Issues 9. Improving Students' Science Literacy with Mobile-Based Learning Media		2025 2025 2025 2023-2024 2024 2024 2023 2022 2021

Industry Collaborations over the last 5 years	1. Assessor for the Pre-Service Teacher Professional Education (PPG) Selection, Ministry of Education and Culture	2022-2024
Patents and Property right		
Important Publications over the last 5 years	1. Purnomo, A. R., Mahdiannur, M. A., **Sari, D. A. P.**, Budiyanto, M., & Astriani, D. (2024, May). The effectiveness of mind-map as a pedagogical tool in enhancing conceptual understanding of photosynthesis. In AIP Conference Proceedings (Vol. 3116, No. 1, p. 100015). AIP Publishing LLC. Link 2. **Sari, D. A. P.**, Widodo, W., Rosdiana, L., Sari, D. P., & Aulia, E. V. (2023). H5P Based Learning Media to Reinforce Pre-Service Science Teachers' Critical Thinking Skills: Development and Validation. Jurnal Penelitian Pendidikan IPA, 9(12), 10689–10697. https://doi.org/10.29303/jppipa.v9i12.5452 3. Aulia, E. V., Widodo, W., Subekti, H., **Sari, D. A. P.**, & Mahdiannur, M. A. (2023, April). Rooftops and solar stoves: Feasibility of interactive multimedia storyboard to improve scientific literacy skills. In AIP Conference Proceedings (Vol 2619, Issue 1). https://doi.org/10.1063/5.0122538 4. **Sari, D. A. P.**, Widodo, W., Mahdiannur, M.A., Aulia, E. V., Subekti, H., & Hidayati, S. N. (2022). Feasibility Analysis of Interactive Multimedia on Intercation of Living Things Topic to Promote Scientific Literacy Skills. In SHS Web Conference Vol 149. https://doi.org/10.1051/shsconf/202214901020 5. Susiyawati, E., Sudibyo, E., & **Sari, D.A.P.** (2021). Development and Validation of an Instrument for Assessing Middle School Students' Critical Thinking Skills. The International Journal of Assessment and Evaluation. Vol 28(2): 1-13. https://doi.org/10.18848/2327-7920/CGP/v28i02/1-13 6. Widodo, W., Sudibyo, E., **Sari, D.A.P.**, Inzanah, I., & Setiawan, B. (2020). The Effectiveness of Gadget-Based Interactive Multimedia in Improving Generation Z's Scientific Literacy. Jurnal Pendidikan IPA Indonesia. Vol 9(2): 248-256. https://doi.org/10.15294/jpii.v9i2.23208	2024 2023 2023 2022 2021 2020

Activities in specialist bodies over the last 5 years	Members of the Indonesian Science Educators Association	2021-2026