

STAFF HANDBOOK



Name	Dr. An Nuril Maulida Fauziah,S.Pd.,M.Pd.		
Position	Lecturer at Science Education, Universitas Negeri Surabaya (UNESA)		
Academic Career	Bachelor Degree	Physics Education , Universitas Negeri Malang	Graduated 2007
	Master Degree	Science Education, Universitas Sebelas Maret	Graduated 2010
	Doctoral Degree	Science Education, Universitas Negeri Surabaya	Graduated 2024
Employment	Lecturer	Universitas Negeri Surabaya	2015 - now
Research and Development Project over the last 5 years	1. Integrating Educational Technology in Science Learning: Encouraging Deep Learning through Blended Learning and EDP Approaches 2. The Impact of ChatGPT Integration in the Debate Based on Inquiry Learning (DBOIL) Model on the Argumentation Skills of Prospective Science Teacher Students 3. Construction of a Prototype Design of Performance-Oriented Alternative Assessment for Science Students 4. The Relationship between AI Literacy and the Learning Outcomes of Prospective Science Teachers: A Perspective from the Post-AI Taxonomy 5. Development of the E-BL (Engineering Design Process Blended Learning) Model to Improve the Critical thinking Skills of Prospective Science Teacher Students. 6. Analysis of the Effectiveness of the Construction Phases of the E-BL Learning Model: Comparison of the Theoretical Model with Empirical Data 7. Development of Teaching Materials for the Engineering Design Process Blended Learning (E-BL) Learning Model to Improve Students' Critical Thinking Skills in Science Learning 8. Implementation of Conditional Activity Mode in LMS on Student Participation in Hybrid Learning		2025 2025 2025 2025 2024 2024 2023 2023 2022

	9. Engineering Design Process Approach in Online Learning for Prospective Science Teacher Students 10. Integration of STEAM-Project Based Learning (PjBL) in Training Critical Thinking Skills of Prospective Science Teacher Students 11. Students' Mental Models of Thermodynamics: A Guided Inquiry Perspective	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. Tutut Nurita, An Nuril Maulida Fauziah , Muhamad Arif Mahdiannur, Ruruh Susilowati, Ahamad Fauzi Hendratmoko.(August,2025). Fostering Creative Thinking Skills in Creating Domain of Anderson's Taxonomy for Prospective Science Teachers Using E-Modul. TEM Journal. Volume 14, Issue 3,. Link 2. An Nuril Maulida Fauziah , Wasis, Ahmad Fauzi Hendratmoko, Mahdiannur, M. A. ., Mochammad Zumar Firdaus Ermawan, Suwandi, E. ., & Ratri, S. Y. (2024, June). Relationship Between Critical Thinking and Scientific Argumentation in Science Learning. Jurnal Pendidikan IPA Indonesia 13 (2). Link 3. Tutut Nurita, Lia Yuliati, Muhamad Arif Mahdiannur, Fasih Bintang Ilhami, An Nuril Maulida Fauziah , Ahmad Fauzi Hendratmoko, Sapti Puspitarini. (2024, January). Increasing Pre-service Science Teacher Creativity Through STEM Problem-Solving. Jurnal Penelitian Pendidikan IPA, 10(1), 72-79. Link 4. An Nuril Maulida Fauziah , Mochammad Zumar Firdaus Ermawan, Wasis, Wahono Widodo. Application engineering design process (EDP) on substance pressure to improve the problem solving skills of junior high school students. (May,2024). AIP Conference Proceedings. (Vol 3116,1), AIP Publishing LLC. Link 5. AN Fauziah , W Widodo. (2023). Engineering design process based on LMS: Trial on biophysics for pre-service science teachers. Reimagining Innovation in Education and Social Sciences. Routledge. (April, 2023). Link	2025 2024 2024 2024 2023 2022

	6. WB Sabtiawan, E Sudibyo, T Nurita, B Setiawan, ANM Fauziah. Students' Perspectives: How do They want to be Assessed? SHS Web of Conferences (Vol. 149, 01037). EDP Sciences. (November,2022). Link 7. An Nuril Maulida Fauziah, Tutut Nurita, M Arif Mahdiannur, Putri Wahyu Ramadhani. (2021). Development of earth and space knowledge competencies for science teacher candidates: Field-project based learning perspectives. Jurnal Penelitian Pendidikan IPA, 7(3), 474-480. Link	2021
Activities in specialist bodies over the last 5 years	Members of the Indonesian Science Educators Association	2025-2030