

Staff Handbook

Name	Muhammad Habibulloh		
Post	Master degree in science education (specialize in Physics education)		
Academic career			
Academic	Institution	Year	
Initial Academic Appointed as lecturer/instructor in Physics Educations	Universitas Negeri Surabaya	2022	
Doctoral			
Master of Science Education	Universitas Negeri Surabaya	2014-2017	
Bachelor of Physics Education	Universitas Negeri Surabaya	2008-2012	
Employment			
Position	Employer	Period	
Professor			
Associate Professor			
Assistant Professor	Universitas Negeri Surabaya	2023-present	
Lecturer/ Instructor	Universitas Negeri Surabaya	2022	
Research and development projects over the last 5 years			
Name of Project or Research	Period	Partner (Mitra/ if applicable)	Amount of Financing
Development of MODFIA (Digital Physics Multimedia Module): As An Effort To Implement Sdgs In Multimedia Lectures In Physics Department, FMIPA UNESA	2023		IDR 20.000.000 (€ 1,036)
Development of Course Learning Plan For The Study Program of Physics Education Using The Team Based Project Method	2023		IDR 20.000.000 (€ 1,036)
Prospective Physics Teachers' Perception of Torricelli's Theorem in Learning Static Fluid Using The Video Analysis Tracker Method	2023		IDR 17.000.000 (€ 880,90)
Pioneer Development of Smart Physics Interactive Educational Tools “SPINET”: Digital Learning Innovation in The Implementation of The Independent Curriculum	2024		IDR 75.000.000 (€3,886)
Development of The 7E-POW (Predict-Observe-Write) Learning Model Used	2024		IDR 20.000.000

by Virtual Simulation To Reduce The Quantity Of Misconceptions Of Prospective Student Teacher On The Topic Of Fluids			(€ 1,036)
Development of Interactive Physics Multimedia Oriented on Local Wisdom To Improve Conceptual Understanding	2024		IDR 20.000.000 (€ 1,036)
Renewable Energy Learning Technology (RELT): A Tool For Communicating Renewable Energy In Ksdal Lectures	2024		IDR 20.000.000 (€ 1,036)
Strategies and Challenges In Improving Tracer Study Response Rate As One of The Aspects Of Consideration For Fmipa Policy Direction	2024		IDR 20.000.000 (€ 1,036)
ELISA (Electronic Learning In Simulation Application) In Problem Based Learning To Improve Students' Creative Thinking Skills: Supporting Sdg Quality Education	2025		IDR 127.750.000 (€6,620)
Industry collaborations over the last 5 years			
Project title		Partners	
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Patents and proprietary rights			
Title			Year
Renewable Energy KIT Module			2024
Inclined Plane Track Lab Equipment Guide			2024
Project-Based Physics Teaching Materials for Renewable Energy Topics			2024
STEAM Teaching Materials Static Fluid Physics			2024
Thermodynamics Experimental Equipment Guide for Gamma Type Stirling Engine			2024
Important publications over the last 5 years	Total number= 39.publications total publications since the las 5 year= 11 publications		
Title and Author	Publisher/ Journal name	Publication date	Vol/Issue/ Page Number
Validity of Student Worksheet in Chapter Dynamic Electricity Based on Virtual Laboratory K Mahbubah, M Habibulloh, A Santoso, S R Rosdiana	International Journal of Multidisciplinary Research and Analysis	2022	5 (01), 8
Empirical and Theoretical Student Worksheet Development in Vector Resultant Analysis	Proceeding International Conference on Environment Health,	2022	1(1), 33-40

SR Rosdiana, M Habibbulloh, I Susanti, DF Aisyurrahman	Socioeconomic and Technology		
Improving Critical thinking skills (CTS) of students through wave energy learning project (WELP) on environmental physics lecture M Satriawan, R Rosmiati, O Saputra, M Habibbulloh	Journal of Physics: Conference Series	2022	2392 (1), 012038
Analysis of the pre-service physics teacher's ability to develop SDGs-oriented multimedia A Kholiq, I Sucahyo, M Anggaryani, M Satriawan, M Habibbulloh	E3S Web of Conferences	2023	450, 01008
Pengembangan Media Pembelajaran ARDI (AR-Digital Book) Berbasis Augmented Reality 3D Animated Pada Materi Induksi Elektromagnetik A Zakaria, IS Wahyuni, M Satriawan, O Saputra, M Habibbulloh	Inovasi Pendidikan Fisika	2023	12 (2), 54-64
Suitability of Torricelli's theorem formulation in cases of leaking reservoirs with video analysis tracker M Habibbulloh, M Anggaryani, M Satriawan, O Saputra, A Zakaria	Journal of Physics: Conference Series	2023	2623 (1), 012021
Development of Three Tier Online Test Diagnostic of Misconception for Topic Free Fall Motion EK Nisa, M Habibbulloh	Schrödinger J. Phys. Educ	2024	5 (2), 6875
Designing e-Book of Basic Physics Fluid Series with Assistant of Virtual Laboratory to Improve Critical Thinking Skills M Habibbulloh, M Satriawan, A Zakaria, I Sya'roni	Physics Education Research Journal	2024	6 (2), 75-84
Training on Making Alternative Energy Kits to Support Independent Curriculum Learning for Physics Teachers in Nganjuk Regency	Journal of Dedication in Community	2024	2 (2), 1-7

M Habibbulloh, I Sucahyo, M Anggaryani, A Kholiq, M Satriawan, O Saputra			
A Simple Portable Handheld Van de Graaff Generator for Demonstrating Static Electricity DM Fajar, M Sholehuddin, M Habibbulloh	BERKALA ILMIAH PENDIDIKAN FISIKA: Universitas Lambung Mangkurat	2025	13(1),1-22
Ethnoscience-enhanced physics virtual simulation and augmented reality with inquiry learning: Impact on students' creativity and motivation IA Rizki, FR Mirsa, AN Islamiyah, AD Saputri, R Ramadani, M Habibbulloh	Thinking Skills and Creativity	2025	101846
Activities in specialist bodies over the last 5 years			
Organization	Role	Period	
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