

Name	Dr. Sugi Hartono, M.Pd.					
Position	Lecture					
Academic Career	Academic Appointment		Institution		Year	
	Doctorate (Educational Research and Evaluation)		Universitas Negeri Surabaya		2020-2025	
	Master (Mathematics Education)		Universitas Negeri Surabaya		2013-2015	
	Undergraduate degree (Mathematics Education)		Universitas Negeri Surabaya		2007-2011	
Employment	No	Position	Employer		Period	
	1	Lecturer	Universitas Negeri Surabaya		2023-present	
Research and development projects over the last 5 years	No	Name of project or research focus		Period	Partners	Amount of Financing
	1	Development of a Guideline Book for Creating Mathematics Teaching Modules that Integrate ICT and 6C Skills (Critical Thinking, Creativity, Collaboration, Communication, Character, and Citizenship) for Students in the Instructional Planning Course		2025	Mathematics Education Department	IDR 30.000.000
	2	Creativity of Prospective Teacher Students in Designing Mathematics Learning		2025	Mathematics Education Department	IDR 20.000.000
	3	mplementation of the Flipped Classroom Approach with ChatGPT Support to Enhance Prospective Mathematics Teacher Students' Understanding of Integral Calculus		2025	Mathematics Education Department	IDR 40.000.000
	4	Scaffolding to Overcome the Difficulties of Mathematics Education Students in Proving Basic Geometry Theorems		2025	Biology Education Department	IDR 30.000.000
	5	Integration of artificial intelligence (ai) in learning: prospective teacher students' design of mathematics problems to assess students' creative thinking ability		2025	Mathematics Education Department and Universiti Malaya	IDR 30.000.000

	6	Analysis of research methodology comprehension of master's program mathematics education students	2024	Mathematics Education Department	IDR 20.000.000
	7	Development of Realistic Mathematics Designed-Mediated Learning Source for Transformation Geometry	2024	Mathematics Education Department	IDR 20.000.000
	8	Skills of prospective mathematics teacher students in designing innovative technology-based mathematics learning	2024	Mathematics Education Department and Universiti Malaya	IDR 50.000.000
	9	Mathematical Proof and Scaffolding Mathematics Education Students in Proving Basic Geometry Theorems	2024	Mathematics Education Department	IDR 30.000.000
Industry collaborations over the last 5 years	No	Project title		Partners	
	1.	TKMP 2025	Ministry of Manpower (Kemnaker) RI		
Patents and proprietary rights over the last 5 years	No	Title			Year
	1	Training Module for Creating Innovative Technology-Based Appropriate Technology Student Worksheets (LKPD) in Mathematics Learning			2025
	2	Learning Video on the Implementation of the Flipped Classroom Approach with ChatGPT Support to Enhance Prospective Mathematics Teacher Students' Understanding of Integral Calculus			2025
	3	Math Sword			2025
	4	Dino Max			2025
	5	Covariational Reasoning Test of Numerical Representation			2023
	6	Integration of Technology in Mathematics Learning: Efforts to Enhance Students' Mathematical Creative Thinking Ability			2022
Important publications over the last 5 years	Total number: 59 1. Hartono, S., Siswono, T. Y. E., & Ekawati, R. (2025, September). Investigating preservice teachers' concept image in proving Pythagorean Theorem. In <i>AIP Conference Proceedings</i> (Vol. 3316, No. 1, p. 140006). AIP Publishing LLC. 2. Kurniasari, I., Hidayat, D., Milla, Y. I. E., & Hartono, S. (2025, September). Refining validity dimensions of technology-integrated mathematics worksheets: An empirical approach. In <i>AIP Conference Proceedings</i> (Vol. 3316, No. 1, p. 120006). AIP Publishing LLC.				
Activities in specialist	Organization	Role		Period	

bodies over the last 5 years	Doctor Program of Mathematics Education	Quality Assurance Unit	2025
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