

Name	Dr. Sugi Hartono, M.Pd.			
Position	Lecture			
Academic Career	Academic Appointment Doctorate (Educational Research and Evaluation) Master (Mathematics Education) Undergraduate degree (Mathematics Education)		Institution	Year
			Universitas Negeri Surabaya	2020-2025
			Universitas Negeri Surabaya	2013-2015
			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
	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
	2	Creativity of Prospective Teacher Students in Designing Mathematics Learning	2025	Mathematics Education Department
	3	Implementation of the Flipped Classroom Approach with ChatGPT Support to Enhance Prospective Mathematics Teacher Students' Understanding of Integral Calculus	2025	Mathematics Education Department
	4	Scaffolding to Overcome the Difficulties of Mathematics Education Students in Proving Basic Geometry Theorems	2025	Biology Education Department
	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

	6	Analysis of research methodology comprehension of master's program mathematics education students	2024	Mathematics Education Department	Mathematics Education Department	IDR 20.000.000
	7	Development of Realistic Mathematics Designed-Mediated Learning Source for Transformation Geometry	2024	Mathematics Education Department	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	Mathematics Education Department	IDR 50.000.000
	9	Mathematical Proof and Scaffolding Mathematics Education Students in Proving Basic Geometry Theorems	2024	Mathematics Education Department	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: <u>59</u>					
	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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