

Name	Dr. Ali Shodikin, S.Pd., M.Pd.			
Position	Assistant Professor			
Academic Career	<b>Academic Appointment</b> Doctorate (Educational Research and Evaluation) Master (Mathematics Education) Undergraduate degree (Mathematics Education)		<b>Institution</b>	<b>Year</b>
			Universitas Negeri Malang	2017-2021
			Universitas Pendidikan Indonesia	2012-2014
			Universitas Negeri Semarang	2007-2012
Employment	<b>No</b>	<b>Position</b>	<b>Employer</b>	<b>Period</b>
	1	Lecturer	Universitas Negeri Surabaya	2022-present
	2	Lecturer	Universitas Islam Darul Ulum	2015-2022
Research and development projects over the last 5 years	<b>No</b>	<b>Name of project or research focus</b>	<b>Period</b>	<b>Partners</b>
	1	Development of Augmented Reality-Based Teaching Materials Using the Geogebra-3D Application to Improve Students' Conceptual Understanding in Analytical Geometry	2025	Mathematics Education Department
	2	Students' Abductive Reasoning in Technology-Assisted Mathematics Problem Solving	2025	Mathematics Education Department
	3	Augmented Reality-Based Mathematics Teaching Materials Development to Improve Numeracy of Deaf Students	2024	Karya Mulia Special School for the Deaf, Surabaya
	4	Just Do Math: Game Interaktif untuk Optimalisasi Belajar Matematika Siswa dengan Learning Disabilities Berdasarkan Eyetracking Based Diagnosis	2023	National Taipei University of Education
Industry collaborations over the last 5 years	<b>No</b>	<b>Project title</b>	<b>Partners</b>	
	1	Pembelajaran Mendalam	Balai Besar Guru dan Tenaga Kependidikan, Jawa Timur	
	2	Sekolah Penggerak	Balai Besar Guru Penggerak, Jawa Timur	
Patents and proprietary	<b>No</b>	<b>Title</b>	<b>Year</b>	

rights over the last 5 years	1 Handout for Training on Developing Local Wisdom-Based Teaching Modules in Pasuruan Regency for Junior High School Teachers 2 Bilingual Junior High School Mathematics Teaching Module with Project-Based Learning Approach to Improve Students' Numeracy 3 Online Book Lending Application "PERPUSKU" 4 Toy App	2024 2023 2022 2022	
Important publications over the last 5 years	Total number: <a href="#">61</a> 1. Shodikin, A., Ekawati, R., & Purnomo, H. (2025, September). Using augmented reality in mathematics learning: How are students' self-efficacy?. In <i>AIP Conference Proceedings</i> (Vol. 3316, No. 1, p. 120007). AIP Publishing LLC. 2. Shodikin, A., Ekawati, R., Purnomo, H., & Abdullah, A. H. (2024). Failure in Constructing the Mathematical Model in Real-World Problems. <i>TEM Journal</i> , 13(4).		
Activities in specialist bodies over the last 5 years	<b>Organization</b> Master Program of Mathematics Education FMIPA Integrity Zone	<b>Role</b> Quality Assurance Unit Area Manager on Change Management	<b>Period</b> 2024-2025 2023-2024