

Name	Dr. Ali Shodikin, S.Pd., M.Pd.				
Position	Assistant Professor				
Academic Career	Academic Appointment		Institution	Year	
	Doctorate (Educational Research and Evaluation)		Universitas Negeri Malang	2017-2021	
	Master (Mathematics Education)		Universitas Pendidikan Indonesia	2012-2014	
	Undergraduate degree (Mathematics Education)		Universitas Negeri Semarang	2007-2012	
Employment	No	Position	Employer	Period	
	1	Lecturer	Universitas Negeri Surabaya	2022-present	
	2	Lecturer	Universitas Islam Darul Ulum	2015-2022	
Research and development projects over the last 5 years	No	Name of project or research focus	Period	Partners	Amount of Financing
	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	IDR 30.000.000
	2	Students' Abductive Reasoning in Technology-Assisted Mathematics Problem Solving	2025	Mathematics Education Department	IDR 20.000.000
	3	Augmented Reality-Based Mathematics Teaching Materials Development to Improve Numeracy of Deaf Students	2024	Karya Mulia Special School for the Deaf, Surabaya	IDR 84.830.000
	4	Just Do Math: Game Interaktif untuk Optimalisasi Belajar Matematika Siswa dengan Learning Disabilities Berdasarkan Eyetracking Based Diagnosis	2023	National Taipei University of Education	IDR 88.700.000
Industry collaborations over the last 5 years	No	Project title	Partners		
	1	Pembelajaran Mendalam	Balai Besar Guru dan Tenaga Kependidikan, Jawa Timur		
	2	Sekolah Penggerak	Balai Besar Guru Penggerak, Jawa Timur		
Patents and proprietary	No	Title	Year		

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	2024
	2	Bilingual Junior High School Mathematics Teaching Module with Project-Based Learning Approach to Improve Students' Numeracy	2023
	3	Online Book Lending Application "PERPUSKU"	2022
	4	Toy App	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>	<b>Role</b>	<b>Period</b>
	Master Program of Mathematics Education FMIPA Integrity Zone	Quality Assurance Unit  Area Manager on Change Management	2024-2025  2023-2024