



STAFF HANDBOOK

Name	Ridwan Efendi				
Position	Evaluation of Physic Learning				
Academic career	<i>Initial academic appointment</i>	<i>Institution</i>	<i>Year</i>		
		Assistant Professor, Department of Physics Education of Universitas Pendidikan Indonesia	2015-Now		
	<i>Habilitation [German post-doctoral qualification] (Subject)</i>	<i>institution</i>	<i>Year</i>		
	<i>Doctorate (Subject)</i>	<i>Institution</i>	<i>Year</i>		
		Indonesia University of Education	2013-2017		
	<i>Magister</i>	<i>Institution</i>	<i>Year</i>		
		Indonesia University of Education	2001-2004		
	<i>Undergraduate degree (subject)</i>	<i>Institution</i>	<i>Year</i>		
		Indonesia University of Education	1994-2000		
Employment	<i>Position</i>	<i>Employer</i>	<i>Year</i>		
	Lecturer	Dean	2008-Now		
Research and development projects over the last 5 years	No	Year	Title of Research Project	Financing	
				Sources	
				Amount (Million Rp)	
	1	2021	Development Of Three-Dimensional Assessment Prototype Of Physics Learning Based On Three-Dimensional Learning Framework	Indonesia University of Education	40
	2	2020	Application of Interactive Media Based Rejulationa/Text (IMBART) Assisted Predict-Observe-Explain (POE) Strategy to Change Conceptions and Improve Students' Mental Models on Newton's Law Materials	Indonesia University of Education	40
3	2019	Development of Authentic Assessment Models for Competency Measurement Based on High Level Reasoning	Indonesia University of Education	40	
4	2018	Intelligent Tutorial-Based Cyberlog System Design To Realize Personal Learning Environment	Ministry of Research and Technology of the Republic of Indonesia	70	



	5	2017	Characteristics of Higher Order Thinking Oriented School Physics Instrument Development Through Item Response Theory Analysis	<i>Indonesia University of Education</i>	30
Industry collaborations over the last 5 years					
Patents and proprietary rights	No.	Title		Type	Year
	1	Guide for Preparation of "HOTS" Questions for Junior High School Science Teachers		Proprietary rights	2020
Important publications over the last 5 years	<p><i>Selected recent publications from a total of approx. (give total number): 5 Publications</i></p> <p><i>Author(s)</i></p> <p><i>Title</i></p> <p><i>Any other information</i></p> <p><i>Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers</i></p>				
	No	Publication		Author (s)	
	1	Developing of a multitier open-ended work and energy instrument (MOWE) using RAsch analysis to identify students misconceptions. Cypriot Journal of Educational Sciences. Volume 16, Issue 1, (2021) 16-31.		Achmad Samsudin, Paggi Bias Cahyani, Purwanto, Dadi Rusdiana, Ridwan Efendi , Adam Hadiana Aminudin, Bayram Coştu	
	2	Strengthening And Assistance Of Authentic Assessment Competence High Level Of Reasoning In West Java Mts Science Teachers. <i>Vol 1 (2020): Prosiding Seminar Nasional Pengabdian Kepada Masyarakat</i>		Ridwan Efendi , Nuryani Y Rustaman, Winny Liliawati, Suhara	
	3	Science teacher educator and authentic assessment: Attitude toward NoS and its assessment in science instruction. Journal of Physics: Conference Series. 1157 (2019) 022057		N Y Rustaman, W Liliawati, Ridwan Efendi and D Rusdiana	
	4	Teaching Solar System Topic through Predict-Observe-Explain-Apply (POEA) Strategy: A Path to Students' Conceptual Change. Tadris: Jurnal Keguruan dan Ilmu Tarbiyah 4 (1): 1-15 (2019)		Ugi Supriatna, Achmad Samsudin, Ridwan Efendi	
	5	Self-perceived assessment skill of prospective physics teachers. Journal of Physics: Conf. Series 1013 (2018) 012047		Ridwan Efendi , N Y Rustaman and I Kaniawati	
	5	Profile of Prospective Physics Teachers on Assessment Literacy. Journal of Physics: Conf. Series 812 (2017) 012061		Ridwan Efendi , N Y Rustaman and I Kaniawati	
Activities in					



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specialist bodies over the last 5 years	Organization	Role	Periods
	Physical Society of Indonesia	Member	2015 - Now

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Membership without a specific role need not be mentioned