



**UNIVERSITAS PENDIDIKAN INDONESIA**  
 FACULTY OF MATHEMATICS AND NATURAL SCIENCES EDUCATION  
 DEPARTMENT OF PHYSICS EDUCATION  
 Jalan Dr. Setiabudhi 229 Bandung 40154  
 Tel: (022) 2004548 Fax. (022) 2004548  
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**STAFF HANDBOOK**

Name	Saeful Karim				
Position	Physics Education				
Academic career	<i>Initial academic appointment</i>	<i>Institution</i>	<i>Year</i>		
		<b>Associate Professor, Department of Physics Education of Universitas Pendidikan Indonesia</b>	<b>2004-Now</b>		
	<i>Habilitation [German post-doctoral qualification] (Subject)</i>	<i>Institution</i>	<i>Year</i>		
		-	-		
	<i>Doctorate (Subject)</i>	<i>Institution</i>	<i>Year</i>		
		<b>Institut Teknologi Bandung</b>	<b>1994-1996</b>		
	<i>Master degree (subject)</i>	<i>Institution</i>	<i>Year</i>		
		<b>Universitas Pendidikan Indonesia</b>	<b>1986-1990</b>		
	<i>Undergraduate degree (subject)</i>	<i>Institution</i>	<i>Year</i>		
		<b>Universitas Pendidikan Indonesia</b>	<b>1986-1990</b>		
Employment	<i>Position</i>	<i>Employer</i>	<i>Year</i>		
	<b>Lecturer</b>	<b>Dean</b>	<b>1991-Now</b>		
Research and development projects over the last 5 years	<i>Name of project or research focus</i>				
	<i>Period and any other information</i>				
	<i>Partners, if applicable</i>				
	<i>Amount of financing</i>				
	<b>No</b>	<b>Year</b>	<b>Title of Research Project</b>	<b>Financing</b>	
				<b>Sources</b>	
				<b>Amount (Million Rp)</b>	
	1	2019	Penerapan Model Based Learning (MBL) untuk Meningkatkan Pemahaman Konsep Mahasiswa dalam Perkuliahan Fisika Dasar pada Materi Kalor dan Perpindahan kalor	Universitas Pendidikan Indonesia	35
	2	2018-2019	Desain Didaktik Pembelajaran Fisika Berdasarkan Analisis Respon Siswa dalam Pembelajaran dengan Menggunakan Dimensi Belajar Marzano dan Strategi Reading Infusion Terhadap Literacy Scientific	Kemendikbud Ristek Dikti	48,5 (2019) 100 (2018)
	3				
Industry collaborations over the last 5 years	-				
Patents and proprietary	<b>No.</b>	<b>Title</b>	<b>Type</b>	<b>Year</b>	



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rights	1	Lembar Karya Siswa Berbasis Model untuk meningkatkan pemahaman konsep pada materi Suhu, Kalor dan Perpindahannya	Proprietary rights	2019
	2	Desain Didaktik Pembelajaran Fisika Menggunakan Dimensi Belajar Marzano Dan Strategi Reading Infusion	Proprietary rights	2019
	3	TERMODINAMIKA (Untuk Mahasiswa Program Studi Pendidikan Fisika Dan Fisika Jenjang Sarjana )	Proprietary rights	2019
Important publications over the last 5 years	<p><i>Selected recent publications from a total of approx. (give total number): 6 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	Strategi Writing to Learn pada Pembelajaran IPA SMP untuk Meningkatkan Penguasaan Konsep dan Keterampilan Komunikasi Siswa pada Materi Tata Surya  <i>Journal of Natural Science and Integration, 2021, 4.1: 1-10</i>	Rita Sintiawati, Parlindungan Sinaga, <b>Saeful Karim</b>	
	2	Pengaruh Model Pembelajaran Learning Cycle 7e Dengan Strategi Hacl-Group Terhadap Penalaran Ilmiah Dan Pemahaman Konsep Siswa SMA  Jurnal Inovasi dan Pembelajaran Fisika, 2020, 7.2: 140-149.	Niendhita Dwi Nurmalasari, <b>Saeful Karim</b> , Ika Mustika Sari	
	3	The influence of scientific creativity and critical worksheets (SCCW) on creative thinking skills and critical scientific as well as students' cognitive abilities on project-based learning work and energy concepts  Journal of Physics: Conference Series 1280 (2019) 052039 IOP Publishing doi:10.1088/1742-6596/1280/5/052039	R Wulansari, H Rusnayati, D Saepuzaman, <b>S Karim</b> , SA Feranie	
4	Unpacking Pre-service Physics Teachers' Understanding of the P-V-T Diagram and the Associated Mathematics  IOP Conf. Series: Journal of Physics: Conf. Series 1204 (2019) 012032 IOP Publishing doi:10.1088/1742-6596/1204/1/012032	Duden Saepuzaman, Syakti P Sriyansyah, <b>Saeful Karim</b>		



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	5	Correlation between cognitive ability to the scientific creative thinking ability and scientific critical thinking ability on sound wave problems  <i>International Conference on Mathematics and Science Education of Universitas Pendidikan Indonesia. 2018. p. 242-247</i>	<b>S Karim, S Kartika, H Rusnayati</b>	
	6	Reconstructing the Physics Teaching Didactic based on Marzano's Learning Dimension on Training the Scientific Literacies  IOP Conf. Series: Journal of Physics: Conf. Series 812 (2017) 012102 doi:10.1088/1742-6596/812/1/012102	<b>Saeful Karim, Eka Cahya Prima, Setiya Utari, Duden Saepuzaman, Muhamad Gina Nugaha</b>	
Activities in specialist bodies over the last 5 years	<b>Organization</b>		<b>Role</b>	<b>Periods</b>
	Physical Society of Indonesia		Member	2015 - Now
* <i>Membership without a specific role need not be mentioned</i>				