



STAFF HANDBOOK

Name	Heni Rusnayati															
Position	Physics Education Solid Physics															
Academic career	<i>Initial academic appointment</i>	<i>Institution</i>	<i>Year</i>													
		Associate Professor, Department of Physics Education of Universitas Pendidikan Indonesia	2011-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>													
	<i>Master degree (subject)</i>	<i>Institution</i>	<i>Year</i>													
		Institut Teknologi Bandung	1996-1998													
	<i>Undergraduate degree (subject)</i>	<i>Institution</i>	<i>Year</i>													
		Universitas Padjadjaran	1979-1983													
Employment	<i>Position</i>	<i>Employer</i>	<i>Year</i>													
	Lecture	Dean	1989-Now													
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>															
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">No</th> <th rowspan="2">Year</th> <th rowspan="2">Title of Research Project</th> <th colspan="2">Financing</th> </tr> <tr> <th>Sources</th> <th>Amount (Million Rp)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">2019</td> <td>Optimasi Pembuatan dan Karakterisasi Keramik Film Tebal (Thick Film) LaFeO₃ dari Bahan Lokal untuk Sensor gas Etanol</td> <td style="text-align: center;">Ministry of Research and Technology of the Republic of Indonesia</td> <td style="text-align: center;">212</td> </tr> </tbody> </table>					No	Year	Title of Research Project	Financing		Sources	Amount (Million Rp)	1	2019	Optimasi Pembuatan dan Karakterisasi Keramik Film Tebal (Thick Film) LaFeO ₃ dari Bahan Lokal untuk Sensor gas Etanol	Ministry of Research and Technology of the Republic of Indonesia
No	Year	Title of Research Project	Financing													
			Sources	Amount (Million Rp)												
1	2019	Optimasi Pembuatan dan Karakterisasi Keramik Film Tebal (Thick Film) LaFeO ₃ dari Bahan Lokal untuk Sensor gas Etanol	Ministry of Research and Technology of the Republic of Indonesia	212												
Industry collaborations over the last 5 years																
Patents and proprietary rights	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>Title</th> <th>Type</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Sumber Belajar Mandiri Interaktif Kinematika Partikel Berbasis Android</td> <td style="text-align: center;">Proprietary rights</td> <td style="text-align: center;">2019</td> </tr> </tbody> </table>				No.	Title	Type	Year	1	Sumber Belajar Mandiri Interaktif Kinematika Partikel Berbasis Android	Proprietary rights	2019				
	No.	Title	Type	Year												
1	Sumber Belajar Mandiri Interaktif Kinematika Partikel Berbasis Android	Proprietary rights	2019													
Important publications over the last 5 years	<i>Selected recent publications from a total of approx. (give total number): 6 Publications (Scopus Indexed)</i> <i>Author(s)</i> <i>Title</i>															



<i>Any other information</i> <i>Publisher, place of publication, date of publication or name of periodical,</i> <i>volume, issue, page numbers</i>		
No	Publication	Author (s)
1	Analysis of scientific literacy-based junior high school physics teaching materials readability on students increasing scientific literacy skills Journal of Physics: Conference Series 1280 (2019) 052010 IOP Publishing doi:10.1088/1742-6596/1280/5/052010	H Rusnayati , G Herviana, IM Sari
2	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, S Karim and S Feranie A
3	VARK learning style and cooperative learning implementation on impulse and momentum Journal of Physics: Conference Series 1280 (2019) 052032 IOP Publishing doi:10.1088/1742-6596/1280/5/052032	I Sintia, H Rusnayati and A Samsudin
4	The influence of scientific creativity and critical worksheet (SCCW) on project based learning to increase cognitive ability, scientific creative skills and scientific critical skills senior high school students on sound wave problem Journal of Physics: Conference Series 1280 (2019) 052002 IOP Publishing doi:10.1088/1742-6596/1280/5/052002	S Kartika, D Saepuzaman, H Rusnayati , S Karim and S Feranie A
5	Analyzing Students Responses To Construct Open Ended Question To Assess Scientific Creative And Critical Thinking (SCCT-Test) Related To Hydrostatic Pressure IOP Conf. Series: Journal of Physics: Conf. Series 1204 (2019) 012049 IOP Publishing doi:10.1088/1742-6596/1204/1/012049	Rusnayati H , Oktavianti N, Novia H, Saepuzaman D, Feranie S
6	Correlation of cognitive ability relevance to the ability of scientific creative thinking and scientific	H Rusnayati , RWulansari, D Saepuzaman, S Karim and S



UNIVERSITAS PENDIDIKAN INDONESIA
 FACULTY OF MATHEMATICS AND NATURAL SCIENCES EDUCATION
 DEPARTMENT OF PHYSICS EDUCATION
 Jalan Dr. Setiabudi 229 Bandung 40154
 Tel: (022) 2004548 Fax. (022) 2004548
 Website: fisika.upi.edu, E-mail: sekdep_pendfisika@upi.edu

	<p>critical thinking skills of students of work and energy concept</p> <p>International Conference on Mathematics and Science Education of Universitas Pendidikan Indonesia Volume 3, 2018 P-ISSN 2655-2361, E-ISSN 2655-3252</p>	FeranieA	
Activities in specialist bodies over the last 5 years	Organization		
	Physical Society of Indonesia	Member	2015 - Now
	Membership without a specific role need not be mentioned		