



**UNIVERSITAS PENDIDIKAN INDONESIA**  
 FACULTY OF MATHEMATICS AND NATURAL SCIENCES EDUCATION  
 DEPARTMENT OF PHYSICS EDUCATION  
 Jalan Dr. Setiabudhi 229 Bandung 40154  
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**STAFF HANDBOOK**

Name	Unang Purwana		
Position	Physics Education		
Academic career	<i>Initial academic appointment</i>	<i>Institution</i>	<i>Year</i>
		<b>Assistant Professor, Department of Physics Education of Universitas Pendidikan Indonesia</b>	<b>2001-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>Universitas Pendidikan Indonesia</b>	<b>2015-2020</b>	
	<i>Master degree (subject)</i>	<i>Institution</i>	<i>Year</i>
	<b>Universitas Pendidikan Indonesia</b>	<b>2008-2010</b>	
	<i>Undergraduate degree (subject)</i>	<i>Institution</i>	<i>Year</i>
	<b>Universitas Pendidikan Indonesia</b>	<b>1977-1981</b>	
Employment	<i>Position</i>	<i>Employer</i>	<i>Year</i>
	<b>Lecturer</b>	<b>Dean</b>	<b>1981-Now</b>
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	<i>Selected recent publications from a total of approx. (give total number): 6 Publications</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, volume, issue, page numbers</i>		
	<b>No</b>	<b>Publication</b>	<b>Author (s)</b>
	1	Homemade experiment for understanding the fluid continuity principle  <i>Physics Education, 2021, 56.3: 035013.</i>	MG Nugraha, <b>U Purwana</b> , S Parwati, KH Kirana
	2	Pengujian Kemampuan Menginterpretasikan Grafik Kinematika Calon Guru Fisika: The Polytomous Rasch Analysis  <i>Jurnal Kajian, Inovasi dan Aplikasi Pendidikan Fisika, 2020, 6.2: 259-266</i>	<b>Unang Purwana</b> , Dadi Rusdiana, Winny Liliawati



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	3	Self Diagnosis Sebagai Upaya Untuk Mendukung Pemahaman Konsep Peserta Didik Kelas X Pada Materi Momentum Dan Impuls  <i>WaPfi (Wahana Pendidikan Fisika), 2020, 5.2: 6-15</i>	Vina Rilantinawati, Parsaoran Siahaan, <b>Unang Purwana</b>	
	4	Upaya Meningkatkan Kreativitas Siswa Dalam Membuat Karya Fisika Melalui Model Pembelajaran Berbasis STEM (Science, Technology, Engineering and Mathematics) Pada Materi Fluida Statis.  <i>WaPfi (Wahana Pendidikan Fisika), 2019, 4.1: 73-76</i>	Mochamad Rizalul Fikri, Muslim Muslim, <b>Unang Purwana</b> , Karyawan Karyawan	
	5	Karakteristik Tes Penalaran Ilmiah Siswa SMA Materi Mekanika Berdasarkan Analisis Tes Teori Respon Butir  <i>urnal Inovasi dan Pembelajaran Fisika, 2018, 5.1: 80-89.</i>	Tasya Fitria Alifa, Taufik Ramlan Ramalis, <b>Unang Purwana</b>	
	6	Pengembangan Tes Keterampilan Berpikir Kritis Berdasarkan Analisis Teori Respon Butir  <i>WaPfi (Wahana Pendidikan Fisika), 2018, 3.2: 45-50.</i>	Desi Ratna Ningsih, Taufik Ramlan Ramalis, <b>Unang Purwana</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>				