



**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	Hana Susanti																													
Position	Physics Education																													
Academic career	<i>Initial academic appointment</i>	<i>Institution</i>	<i>Year</i>																											
		<b>PLP Ahli Muda (Laboratory Staff), Department of Physics Education of Universitas Pendidikan Indonesia</b>	<b>2019-Now</b>																											
	<i>Habilitation [German post-doctoral qualification] (Subject)</i>	<i>Institution</i>	<i>Year</i>																											
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	<i>Doctorate (Subject)</i>	<i>Institution</i>	<i>Year</i>																											
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		<b>STIA LAN Bandung</b>	<b>2006-2009</b>																											
Employment	<i>Position</i>	<i>Employer</i>	<i>Year</i>																											
	<b>Laboratory Staff</b>	<b>Dean</b>	<b>2002 -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>																													
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	<i>Amount of financing</i>																													
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	5	2020	Rekonstruksi Set Alat Praktikum Geolistrik pada Matakuliah Eksplorasi Geofisika di Departemen Pendidikan Fisika FPMIPA UPI	UPI	15.000.000																
	6	2021	Teleskop Do It Yourself pada Praktikum Astrofisika	UPI	15.000.000																
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>																				
Patents and proprietary rights	<table border="1"> <thead> <tr> <th>No.</th> <th>Title</th> <th>Type</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Alat Peraga Gelombang Bunyi (vocal visualizer) berbahan lokal</td> <td>Proprietary rights</td> <td>2020</td> </tr> <tr> <td>2</td> <td>Buku Panduan/Petunjuk Elektroda Geolistrik Do It Yourself Versi 01</td> <td>Proprietary rights</td> <td>2020</td> </tr> <tr> <td>3</td> <td>Buku Panduan Sistem LMGZ dalam Pengelolaan Laboratorium</td> <td>Proprietary rights</td> <td>2018</td> </tr> </tbody> </table>					No.	Title	Type	Year	1	Alat Peraga Gelombang Bunyi (vocal visualizer) berbahan lokal	Proprietary rights	2020	2	Buku Panduan/Petunjuk Elektroda Geolistrik Do It Yourself Versi 01	Proprietary rights	2020	3	Buku Panduan Sistem LMGZ dalam Pengelolaan Laboratorium	Proprietary rights	2018
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Important publications over the last 5 years	<p><i>Selected recent publications from a total of approx. (give total number): 16 Publication (Scopus Indexed)</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> <table border="1"> <thead> <tr> <th>No</th> <th>Publication</th> <th>Author (s)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Analysis of Do-it-Yourself (DIY) Electrode for Soil Resistivity Measurement Practical of Geology and Geophysics Subject at Earth and Outerspace Laboratory  Jurnal Temapela. 2020 Nov 9;3(1):10-8</td> <td>Cahyo Puji Asmoro, <b>Hana Susanti</b></td> </tr> <tr> <td>2</td> <td>Anomalies Of Earth Surface Gravity Field (G) During Total Lunar Eclipse (TLE) On January 31 And July 28 2018 Using Video Tracker Analysis On Pendulum Harmonic Motion  <i>Journal of Engineering Science and Technology</i>, 2020, 15(2), pp.1001-1010</td> <td>Muhamad Gina Nugraha, Raden Giovanni Ariantara, Annisa Nurjanah, Harbi Setyo Nugroho, Judhistira Aria, Duden Saepuzaman Utama, <b>Hana Susanti</b>, Fitri Nurul, Anggi Hanif Setyadin Sholihat, Kartika Hajar Kirana</td> </tr> </tbody> </table>					No	Publication	Author (s)	1	Analysis of Do-it-Yourself (DIY) Electrode for Soil Resistivity Measurement Practical of Geology and Geophysics Subject at Earth and Outerspace Laboratory  Jurnal Temapela. 2020 Nov 9;3(1):10-8	Cahyo Puji Asmoro, <b>Hana Susanti</b>	2	Anomalies Of Earth Surface Gravity Field (G) During Total Lunar Eclipse (TLE) On January 31 And July 28 2018 Using Video Tracker Analysis On Pendulum Harmonic Motion  <i>Journal of Engineering Science and Technology</i> , 2020, 15(2), pp.1001-1010	Muhamad Gina Nugraha, Raden Giovanni Ariantara, Annisa Nurjanah, Harbi Setyo Nugroho, Judhistira Aria, Duden Saepuzaman Utama, <b>Hana Susanti</b> , Fitri Nurul, Anggi Hanif Setyadin Sholihat, Kartika Hajar Kirana							
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	3	Rekonstruksi Set Alat Percobaan Viskositas WaPfi (Wahana Pendidikan Fisika). 2019;4(1):31-6.	<b>Hana Susanti</b> , Cahyo Puji Asmoro	
	4	Eksperimen pesawat atwood berbasis pengolahan aplikasi tracker untuk mengamati fenomena gerak lurus beraturan dan gerak lurus berubah beraturan pada pembelajaran fisika SMA. InProsiding Seminar Nasional Fisika (E-Journal) 2017 Oct 30 (Vol. 6, pp. SNF2017-EER)	Firman Nugraha, Resti Wulansari, Inka Danika, Vina Nurafiah, Asri Nur Lathifah, Fitri Nurul Sholihat, <b>Hana Susanti</b> , Muhamad Gina Nugraha, Kartika Hajar Kirana	
	5	Influence of Partial Solar Eclipse 2016 on the surface gravity acceleration using photogate sensor on Kater's reversible pendulum.  Journal of Physics: Conference Series 2016 Nov 1 (Vol. 771, No. 1, p. 012002). IOP Publishing.	MG Nugraha, D Saepuzaman, FN Sholihat, S Ramayanti, AH Setyadin, AR Ferahenki, A Samsudin, JA Utama, <b>H Susanti</b> , KH Kirana	
Activities in specialist bodies over the last 5 years	<b>Organization</b>		<b>Role</b>	<b>Periods</b>
	Persatuan Pranata Laboratorium Pendidikan Indonesia		Member	2015 - Now
* <i>Membership without a specific role need not be mentioned</i>				