



**Mukhayyarotin Niswati Rodliyatul
Jauhariyah, S.Pd., M.Pd.**

Position	<i>Assessment and Curriculum Study Lecturer in Physics Education</i>		
	Assistant Professor in Assessment and Curriculum Study of Physics Education		
	<i>Degree</i>	<i>University</i>	<i>Year</i>
Academic career	Bachelor program at Physics Education Study Program	Universitas Negeri Surabaya (Unesa)-Indonesia	2005-2010
	Master Program at Science Education Study Program	Sebelas Maret University Surakarta-Indonesia	2011-2013
	Government Employer at Ministry of Research, Technology and Higher Education as a Lecturer Institution (now Ministry of Education and Culture)	Unesa-Indonesia	2014-now
Employment	<i>Position</i>	<i>Employer</i>	<i>Period</i>
	Lecturer on Physics Education Study Program	Unesa-Indonesia	2014-2018
	Assistant Professor in Physics Education	Unesa-Indonesia	2018-Now
	Manager of Reading Room in Physics Department	Unesa-Indonesia	2015-now
	Member of the management team of the excellent class of the Faculty of Mathematics and Natural Sciences Unesa	Unesa-Indonesia	2015-now
	Journal of Physics Research and Its Application (JPFA) editorial team	Unesa-Indonesia	2015-now
Research and development projects over the last 5 years	2019: The Development of Environment-Based Learning for Basic Natural Science Lecture Using Vi-Learn - Unesa's Research project of e-learning research - IDR 20,000,000 (chairman of research)		
	2019: The Assessment of Prospective Physics Teachers' Creativity in Analysing Curriculum Based on Education for Sustainable Development - Faculty of Mathematics and Natural Sciences Research Project - IDR 10,000,000 (chairman of research)		
	2019: Identification of New College Students' Misconceptions in The Physics Education Study Program in 2019/2020 - Faculty of Mathematics and Natural Sciences Research Project - IDR 10,000,000 (member of research)		
	2019: The Effectiveness of English Course in Improving English Ability of Excellent Class Students in the Faculty of Mathematics and Natural Sciences - Faculty of Mathematics and Natural Sciences Research Project - IDR 10,000,000 (member of research)		

	<p>2018: Mapping of Final Project Profile Physics Education Study Program Students as an Effort to Equalize and Optimize Final Projects in All Fields of Research Study - Faculty of Mathematics and Natural Sciences Research Project - IDR 10,000,000 (member of research)</p> <p>2018: Development of School Curriculum Analysis Textbooks for Excellent Class Students in Physics Education Study Program, Surabaya State University - Faculty of Mathematics and Natural Sciences Research Project - IDR 10,000,000 (chairman of research)</p> <p>2017: Input and Output Analysis of Physics Department as an Effort to Mapping Student Characteristics at the Ecopreneurship Campus, Surabaya State University - Faculty of Mathematics and Natural Sciences Research Project - IDR 10,000,000 (member of research)</p> <p>2017: Development of KKNI-Based School Curriculum Study Textbook for Physics Education Study Program Students at Surabaya State University - Faculty of Mathematics and Natural Sciences Research Project - IDR 10,000,000 (chairman of research)</p> <p>2016: Development of KKNI-Based Learning Theory Subjects Textbook for Physics Education Study Program Students at Surabaya State University - Faculty of Mathematics and Natural Sciences Research Project - IDR 10,000,000 (member of researchs5ss6t)</p> <p>2016: Optical Properties Characterization of Erbium Doped Tellurite Glass for Laser Applications - Faculty of Mathematics and Natural Sciences Research Project - IDR 10,000,000 (chairman of research)</p>	
<p>Important publications over the last 5 years</p>	<p>I Zulfa, S Kusairi, E Latifah, MNR Jauhariyah. 2019. Analysis of student's conceptual understanding on the work and energy of online hybrid system. <i>Journal of Physics: Conference Series</i> 1171 (1) 012045.</p>	<p>2019</p>
	<p>N Suprpto, UA Deta, NA Lestari, A Kholiq, AS Adam, H Mubarak, MNR Jauhariyah. 2018. Pre-service physics teachers' understanding on total lunar eclipse: A response of supermoon on January 31st 2018. <i>Journal of Physics: Conference Series</i> 1108 (1) 012097.</p>	<p>2018</p>
	<p>MNR Jauhariyah, I Zulfa, Z Harizah, W Setyarsih. 2018. Validity of student's misconceptions diagnosis on chapter Kinetic Theory of Gases using three-tier diagnostic test. <i>Journal of Physics: Conference Series</i> 1006 (1) 012005.</p>	<p>2018</p>
	<p>MNR Jauhariyah, N Suprpto, S Admoko, W Setyarsih, Z Harizah, I Zulfa. 2018. The students' misconceptions profile on chapter gas kinetic theory. <i>Journal of Physics: Conference Series</i> 997 (1) 012031.</p>	<p>2018</p>
	<p>N Suprpto, BK Prahani, MNR Jauhariyah, S Admoko. 2018. Exploring physics concepts among novice teachers through CMAP tools. <i>Journal of Physics: Conference Series</i> 997 (1) 012011</p>	<p>2018</p>
	<p>BK Prahani, N Suprpto, S Suliyanah, NA Lestari, MNR Jauhariyah, S Admoko, S Wahyuni. 2018. The effectiveness of collaborative problem based physics learning (CPBPL) model to improve student's self-confidence on physics learning. <i>Journal of</i></p>	<p>2018</p>

	<i>Physics: Conference Series</i> 997 (1).			
	N Suprpto, A Abidah, K Dwiningsih, MNR Jauhariyah , A Saputra. 2018. Minimizing Misconception of ionization energy through three-tier diagnostic test. <i>Periodico Tche Quimica</i> 15 (30) 387-396.			2018
	MNR Jauhariyah , Z Harizah, I Zulfa, H Mulyastuti, W Setyarsih, N Suprpto. 2018. Learn Physics Using Interactive Demonstration to Reduce The Student's Misconceptions on Mechanical Wave. <i>Advances in Intelligent System Research</i> , volume 157 (MISEIC 2018)			2018
	MNR Jauhariyah , Wasis. 2018. Student's Reasoning on Physics Related to Visual Representation Case Study of College Students. <i>Atlantis Highlights in Engineering (AHE)</i> , volume 1 (ICST 2018)			2018
	MNR Jauhariyah , W Setyarsih, M Yantidewi, A Marzuki, Cari. 2017. Refractive index measurement of tellurite glasses by using Brewster angle method. <i>Proceeding-2016 International Seminar on Sensors, Instrumentation, Measurement, and Metrology, ISSIMM 2016</i> (IEEEExplore)			2017
	MNR Jauhariyah , Cari, A Marzuki. 2016. Optical properties of erbium doped tellurite glasses. <i>Materials Science Forum</i> 864 37-41.			2016
	Madlazim, Supriyono, MNR Jauhariyah . 2015. Student's scientific abilities improvement by using guided inquiry laboratory. <i>Journal of Science Education</i> 16 (2) 58-62.			2015
Professional Organization	Organization	Position	Period	
	Physical Society of Indonesia	Member	2018 – Now	