



**UNIVERSITAS NEGERI PADANG**  
**FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM**  
**JURUSAN MATEMATIKA PROGRAM STUDI PENDIDIKAN**  
**MATEMATIKA**

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**Bachelor of Education in Mathematics**

**STAFF HANDBOOK**

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Name	Yulyanti Harisman., S.Si., M.Pd., Dr		
Post	Mathematics Educations, Applied Mathematics		
Academic career	<b>Initial academic appointment</b>	<b>Institution</b>	<b>Year</b>
		STKIP PGRI SUMATERA BARAT	2010
		Universitas Negeri Padang	2019
Academic Background	Undergraduate Degree	Universitas Negeri Padang	2005
	Master Degree	Universitas Negeri Padang	2011
	Doctoral Degree	Universitas Pendidikan Indonesia	2018
Employment	<b>Position</b>	<b>Employer</b>	<b>Period</b>
	Asisten Ahli	STKIP PGRI SUMBAR	2012
	Instructor (Lektor Muda)	STKIP PGRI SUMBAR	2015
	Tenaga Pengajar/CPNS	Universitas Negeri Padang	2018
Research and development projects over the last 5 years	<p>1. <i>Name of project or research focus :</i>  <i>the development of a problem based module on the recovery of sampling techniques in STKIP PGRI West Sumatra</i>  <i>Period : 2015</i>  <i>Partners : Pekerti with Universitas Negeri Padang</i>  <i>Amount of financing : IDR 67.000.000,00.</i></p>		
	<p>2. <i>Name of project or research focus :</i>  <i>“Module Development Based on Guided Discovery in Complex Analysis Lectures at STKIP PGRI West Sumatra (1 st years)”</i>  <i>Period : 2015</i>  <i>Partners : National Competitive Research of Applied Product Scheme</i></p>		

	<p>(DRPM) Amount of financing : IDR 50.000.000,00.</p>	
	<p>3. Name of project or research focus : "Module Development Based on Guided Discovery in Complex Analysis Lectures at STKIP PGRI West Sumatra (2 st years)" Period : 2016 Partners : National Competitive Research of Applied Product Scheme (DRPM) Amount of financing : IDR 51.000.000,00.</p>	
Industry collaborations or community services over the last 5 years	<p>1. Project title: <i>Pelatihan Pengembangan Soal-soal Higher Order Thinking Skills (HOTS) dan Penggunaan Software Geogebra untuk Guru Matematika Sekolah Menengah Pertama Se-Kecamatan Padang Utara</i> Partners: PNBP UNP</p>	
Patents and proprietary rights	<p style="text-align: center;"><b>Title</b></p>	<p style="text-align: center;"><b>Year</b></p>
	<p>1. <i>Adult Gesture In Collaborative Mathematics Reasoning In Different Ages</i></p>	<p>2017</p>
	<p>2. <i>Discrete Mathematics Book For Education</i></p>	<p>2018</p>
Important publications over the last 5 years	<p>1. (Harisman, Kusumah, &amp; Kusnandi, 2019)Harisman, Y., Kusumah, Y. S., &amp; Kusnandi, K. (2019). The attitude of senior high school teachers on mathematical problem solving. <i>Journal of Physics: Conference Series</i>, 1318(1). <a href="https://doi.org/10.1088/1742-6596/1318/1/012087">https://doi.org/10.1088/1742-6596/1318/1/012087</a></p>	
	<p>2. Harun, L., Darhim, D., Dahlan, J. A., Harisman, Y., Sovia, A., &amp; Bakar, M. T. (2019). <i>Students' gesture of naive, routine, and shopisticated behavior oriented on mathematical problem solving. Journal of Physics: Conference Series</i>, 1157(4). <a href="https://doi.org/10.1088/1742-6596/1157/4/042074">https://doi.org/10.1088/1742-6596/1157/4/042074</a></p>	
	<p>3. S maarif, KS Perbowo., M S Noto., 2019)S maarif, KS Perbowo., M S Noto., H. Y. (2019). <i>Obstacles in Constructing Geometrical Proofs of Mathematics-Teacher- Students Based on Boero ' s Proving Model Obstacles in Constructing Geometrical Proofs of Mathematics-Teacher-Students Based o n Boero ' s Proving Model. <a href="https://doi.org/10.1088/1742-6596/1315/1/012043">https://doi.org/10.1088/1742-6596/1315/1/012043</a></i></p>	
	<p>5. Harisman, Kusumah, &amp; Kusnandi, 2019)Harisman, Y., Kusumah, Y. S., &amp; Kusnandi, K. (2019). <i>Beliefs of junior high school teachers on learning process on mathematical problem solving. Journal of Physics: Conference Series</i>, 1157(3). <a href="https://doi.org/10.1088/1742-6596/1157/3/032112">https://doi.org/10.1088/1742-6596/1157/3/032112</a></p>	
	<p>6. Harisman, Y., Kusumah, Y. S., &amp; Kusnandi, K. (2019). How teacher professionalism influences student behaviour in mathematical problem-solving process. <i>Journal of Physics: Conference Series</i>, 1188(1). <a href="https://doi.org/10.1088/1742-6596/1188/1/012080">https://doi.org/10.1088/1742-6596/1188/1/012080</a></p>	

	7. Kariman, D., Harisman, Y., Sovia, A., & Prahmana, R. C. I. (2019). Effectiveness of guided discovery-based module: A case study in Padang city, Indonesia. <i>Journal on Mathematics Education</i> , 10(2), 239–250.
	8. Fitriza, R., Turmudi, T., Juandi, D., & Harisman, Y. (2019). Traditional measurement units: A study on the construction of rumah gadang of Minangkabau. <i>Journal of Physics: Conference Series</i> , 1157(4). <a href="https://doi.org/10.1088/1742-6596/1157/4/042123">https://doi.org/10.1088/1742-6596/1157/4/042123</a>
	9. Noto, M. S., Harisman, Y., Harun, L., Amam, A., & Maarif, S. (2017). Adult Gesture in Collaborative Mathematics Reasoning in Different Ages. <i>Journal of Physics: Conference Series</i> , 895(1). <a href="https://doi.org/10.1088/1742-6596/895/1/012048">https://doi.org/10.1088/1742-6596/895/1/012048</a>
	10. Harisman, Y., Kusumah, Y. S., & Kusnandi, K. (2018). Teachers' reflections on students' mathematical problem solving in junior high school. <i>Journal of Physics: Conference Series</i> , 1088. <a href="https://doi.org/10.1088/1742-6596/1088/1/012011">https://doi.org/10.1088/1742-6596/1088/1/012011</a>
	11. Harisman Y, Noto M S, Bakar M T and Amam A 2017 "The Different Patterns of Gesture between Genders in Mathematical Problem Solving of Geometry," <i>Journal Of Physics: Conference Series. IOP Conf. Series 812 (012039)</i>

	<b>Organisation</b>	<b>Role</b>	<b>Period</b>
Activities in specialist bodies over the last 5 years ( <i>Membership without a specific role need not be mentioned</i> )	1. Kalamatika Jurnal Pendidikan Matematika (Sinta3)	Editorial Team	2017 – now
	2. JNPM (Jurnal Nasional Pendidikan Matematika)/ (sinta3)	Reviewer	2017 – now
	3. Infinity Journal	Reviewer	2017 – now
	4. Journal Mathematics and Mathematics Educations	Editorial Team	2018 – now
	5. Jurnal Euclid	Reviewer	2017 – now
	6. Journal of Honaymath	Reviewer	2018 – now
	7. Jurnal Penelitian Pembelajaran Matematika di Sekolah	Reviewer	2019 – now
	8. Journal Of authentic Research on Mathematics Educations	Reviewer	2020

	9.Sepren Journal	Reviewer	2020
	10.Asimtot Journal	Reviewer	2020
	11. Jurnal Eksakta Pendidikan	Reviewer	2020
	12. Teorema: Teori dan Riset Matematika	Reviewer	2020

