



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

Name	Mirna, S.Pd, M.Pd		
Post	Geometry Mathematics Education		
Academic career	Initial academic appointment	Institution	Year
		Universitas Negeri padang	2011
Academic Background	1. Diploma III	IKIP Padang	1992
	2. Undergraduated Degree	IKIP Padang	1994
	3. Master Degree	IKIP Surabaya	1997
Employment	Position	Employer	Period
	Lektor	Universitas Negeri Padang	2011
Research and development projects over the last 5 years	1. Name of project or research focus : "Development of Field Geometry Learning Tools Based on Statement and Reason Strategies for Mathematics Department Students " Period : 2017 Partners : PNBP Universitas Negeri Padang Amount of financing : IDR 20.000.000,-		
	2. Name of project or research focus : "Development of ICT-Based Calculus Teaching Materials Integrated Contextual Problems to Improve Students' Problem Solving Ability " Period : 2017 Partners : PNBP Universitas Negeri Padang Amount of financing : IDR 50.000.000,-		
	3. Name of project or research focus : "Development of Contextual Mathematics Teaching Materials Integrating Related Knowledge and a Realistic Mathematical Approach Model for Class XI Senior High School Student Learning " Period : 2017		

	<p>Partners : National Competitive Research of Applied Product Scheme (DRPM)</p> <p>Amount of financing : IDR 51.400.000,-</p>
	<p>4. Name of project or research focus : “Development of ICT-Based Calculus Teaching Materials Integrated Contextual Problems to Improve Students' Problem Solving Ability ” Period : 2018 Partners : PNBP Universitas Negeri Padang Amount of financing : IDR 40.000.000,00</p>
	<p>5. Name of project or research focus : “Developing Constructivism-Based Interactive Geometry Multimedia to Increase Learning Outcomes for Class VIII Junior High School Students” Period : 2019 Partners : PNBP Universitas Negeri Padang Amount of financing : IDR 40.000.000,00</p>
Industry collaborations or community services over the last 5 years	<p>1. Project title: Training to Improve the Ability to Apply Learning Media Using the Macromedia Flash Application for Elementary School Teachers in Kamang Baru District. (2017) Partners:BNPB Universitas Negeri Padang</p> <p>2. Project title: Training to Improve the Quality of Scientific-Based Mathematics Learning Media in the Context of Implementing the 2013 Curriculum for Junior High School Teachers in Sijunjung Regency. (2018) Partners:PNBP Universitas Negeri Padang</p> <p>3. Project title: Resource persons at the Mathematics MGMP in Junior High School 3 Kota Solok with the material "Learning Media and Teaching Materials. (2018) Partners: Education authorities (Dinas Pendidikan)</p> <p>4. Project title: Resource persons at the Mathematics MGMP in Junior High School 5 Kota Solok with the material "Learning Media and Teaching Materials. (2018) Partners: Education authorities (Dinas Pendidikan)</p> <p>5. Project title: A resource person at the Fibonacci Group II MGMP of Sijunjung Regency with the title "Introduction to Animation in Macro Media Flash Applications. (2018) Partners: Education authorities (Dinas Pendidikan)</p> <p>6. Project title : workshop on Developing Scientific-Based Mathematics Learning Media Using Information Technology for Junior High School Teachers in Tanah Datar District (2019) Partners : PNBP UNP</p> <p>7. Project title :Training on Making Learning Media Using Macro Media Flash Applications for Mathematics Teachers in Sijunjung district 20 to 27 August (2019) Partners :Education authorities (Dinas Pendidikan)</p>

8.	Project title :Training on Making Learning Media Using Applications Macro Flash Media for Mathematics Teachers in Sijunjung district, 24 to 31 August Partners: <i>Education authorities (Dinas Pendidikan)</i>
9.	Project title :Mathematics Teaching Materials for grades 7, 8.9 Based on the 2013 Curriculum at SMP Negeri 11 Sijunjung (2019) Partners : <i>Education authorities (Dinas Pendidikan)</i>
10.	Project title : Pelatihan dan workshop penggunaan teknologi dalam pembelajaran bagi guru matematika SMA di kabupaten Padang Pariaman (2019) Partners : PNBPN UNP

Patents and proprietary rights		
	Title	Year
	1. <i>Development of Contextual Mathematics Teaching Material Integrated Related Sciences and Realistic for Students Grade XI Senior High School</i>	2018
	2. <i>Errors Analysis of Students in Mathematics Department to Learn Plane Geometry</i>	2018
	3. <i>Study about Problem on Using Learning Media by Teacher in Primary School Sub District Kamang Baru</i>	2018
	4. <i>The Effect of the Application of the Think Talk Write Type of Cooperative Learning Model on the Mathematical Communication Ability of Class VIII Students of State Junior High School 3 Pariaman</i>	2019
	5. <i>Validity and Practicality of Calculus Teaching Materials based on Integrated ICT Contextual Problems to Improve Students Problem Solving Skills</i>	2019

Important publications over the last 5 years	1. <i>Mirna. (2018). Errors Analysis of Students in Mathematics Department to Learn Plane Geometry. Prosiding The 2nd International Conference on Mathematics, Science, Education, and Technology.</i>
	2. <i>Helma, Mirna, Edizon, E. (2018). Development of Contextual Mathematics Teaching Material Integrated Related Sciences and Realistic for Students Grade XI Senior High School. ICOMSET.</i>
	3. <i>Helma & Mirna. (2018). Study about Problem on Using Learning Media by Teacher in Primary School Sub District Kamang Baru. Pelita Eksakta, Volume 1.</i>
	4. <i>Juandika, S., Mirna. (2019). The Effect of the Application of the Think Talk Write Type of Cooperative Learning Model on the Mathematical Communication Ability of Class VIII Students of State Junior High</i>

	<i>School 3 Pariaman. Journal of Mathematics Education and Research, Volume 8, No 3</i>		
	5. <i>Murni, D., Helma, & Mirna. (2019). Validity and Practicality of Calculus Teaching Materials based on Integrated ICT Contextual Problems to Improve Students Problem Solving Skills. Prosiding ICOMSET.</i>		
6.			
Activities in specialist bodies over the last 5 years (<i>Membership without a specific role need not be mentioned</i>)	Organisation	Role	Period
	1.		
	2.		
	3.		