



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	Nurul Afifah Rusyda, S.Pd., M.Pd		
Post	Mathematics education, Teaching and Learning of Mathematics, Analysis,		
Academic career	Initial academic appointment	Institution	Year
		Universitas Negeri Padang	2018
Academic Background	1. Undergraduated Degree	Universitas Negeri Padang	2014
	2. Master Degree	Indonesia University of Education	2016
Employment	Position	Employer	Period
	Tenaga pengajar	Universitas Negeri Padang	2018- Now
Research and development projects over the last 5 years	<i>Name of project or research focus :</i> "Application of Brain Based Learning Approach to Calculus Subjects to Improve Students' Communication Skills and Mathematical Problem Solving" <i>Period : 2019</i> <i>Partners : PNBP UNP</i> <i>Amount of financing : IDR 15.000.000,-</i>		
	<i>Name of project or research focus :</i> "Increasing Student Mathematical Critical Thinking Ability Through the Development of Geometry Instructional Device Based on Van Hiele's Theory" <i>Period : 2019</i> <i>Partners :</i> <i>Amount of financing :</i>		
	<i>Name of project or research focus :</i>		

	<p>“Effects Mathematics Anxiety Related to Self-Efficacy and Mathematical Problem Solving Ability of College Students on Calculus Course”</p> <p><i>Period : 2019-2020</i></p> <p><i>Partners : PNBP UNP</i></p> <p><i>Amount of financing : Rp. 18.750.000,-</i></p>		
Industry collaborations over the last 5 years	<p>1. <i>Project title: Pelatihan dan Workshop penggunaan augmented reality (AR) dalam pembeajaran matematika di sekolah pada MGMP matematika SMP</i></p> <p><i>Partners: PNBP UNP</i></p>		
Patents and proprietary rights	Title		Year
	1.		
	2.		
Important publications over the last 5 years	<p>1. <i>N A Rusyda, K Kusnandi, S Suhendra. (2017). A Cognitive Analysis of Students’ Mathematical Problem Solving Ability on Geometry Journal of Physics: Conference Series (Vol. 895)</i></p> <p>2. <i>N A Rusyda, D S Sari (2017). The Effect of the Application of the Contextual Teaching and Learning Model on the Ability of Junior High School Students to Understand Mathematical Concepts on the Material of Lines and Angles. JNPM (Jurnal Nasional Pendidikan Matematika), 1(1).</i></p> <p>3. <i>N A Rusyda, D Ahmad, R Rusdinal, F Dwina (2019). Enhancing Students` Mathematical Problem Solving Ability Through Brain Based Learning Approach. Atlantis Press/Advances in Social Science, Education and Humanities Research (ASSEHR). Volume 285</i></p>		
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.		