



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	<i>Khairani, M.Pd</i>		
Post	<i>Mathematics teaching and learning, analytic mathematics</i>		
Academic career	Initial academic appointment	Institution	Year
		Universitas Negeri Padang	2017
Academic Background	1. Undergraduate Degree	Universitas negeri Medan	2011
	2. Master Degree	Universitas Pendidikan Indonesia	2016
Employment	Position	Employer	Period
	Tenaga Pengajar	Universitas Negeri Padang	2017- Now
Research and development projects over the last 5 years	1. <i>Name of project or research focus :</i> <i>"Application of STEM-based learning (Science, Technic, Engineering, Mathematics) in Calculus courses to improve students' mathematical connection and communication skills."</i> <i>Period : 2018</i> <i>Partners : PNPB UNP</i> <i>Amount of financing : IDR 17.500.000,-</i>		
Industry collaborations or community services over the last 5 years	1. <i>Project title:</i> Pelatihan dan workshop penggunaan teknologi dalam pembelajaran bagi guru matematika SMA di Padang Pariaman <i>Partners: PNPB UNP</i>		
Patents and proprietary rights	-		

Important publications over the last 5 years	1. K. Khairani, M. Mukhni, FQ Aini. <i>STEM-BASED LEARNING IN CALCULUS IN COLLEGE EDUCATION</i> .2018. UJMES (Uninus Journal of Mathematics Education and Science) 3 (2), 104-111		
	2. K. Khairani, Z. Amry, R Harahap. Efforts to Improve Students' Critical Thinking Ability of Class X Through Cooperative Learning Type Numbered Head Together. 2018. JURNAL EKSAKTA PENDIDIKAN (JEP) 2 (1), 85-92		
	3. Khairani, Juhairiah, P Marojahan. 2020. THE IMPLEMENTATION OF A BRAIN BASED LEARNING APPROACH TO INCREASE STUDENTS 'LEARNING MOTIVATION IN CLASS IX SMP NEGERI 1 LABUHAN DELI. (UJMES) Uninus Journal of Mathematics Education and Science 2 (2), 178-184		
	4. Khairani, Mukhni, FQ Aini. Problems Analysis of Calculus Learning in Higher Educations. 2019. 2nd International Conference on Mathematics and Mathematics Education 2018 Proceedings. Atlantis Press		
5.			
Activities in specialist bodies over the last 5 years (<i>Membership without a specific role need not be mentioned</i>)	Organisation	Role	Period