



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

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Bachelor of Education in Mathematics Telp. : Email : Website :	STAFF HANDBOOK
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Name	Prof. Dr. Ahmad Fauzan, M.Pd, M.Sc		
Post	Algebra, Applied Mathematics, Mathematics Education		
Academic career	<i>Initial academic appointment</i>	<i>Institution</i>	<i>Year</i>
		Universitas Negeri Padang	1991
Academic Background	1. Undergraduated Degree	IKIP Padang	1989
	2. Master Degree	IKIP Surabaya	1996
	3. Doctoral Degree	University of Twentee	2002
Employment	<i>Position</i>	<i>Employer</i>	<i>Period</i>
	Asisten ahli madya	<i>Universitas Negeri Padang</i>	1991-1993
	asisten ahli	<i>Universitas Negeri Padang</i>	1993-1997
	Instructor (Lektor Muda)	<i>Universitas Negeri Padang</i>	1997-2000
	Lektor Madya	<i>Universitas Negeri Padang</i>	2000-2001
	Assistant Professor(Lektor)	<i>Universitas Negeri Padang</i>	2001-2007
	Professor (Guru besar)	<i>Universitas Negeri Padang</i>	2007-now
Research and development projects over the last 5 years	1. <i>Name of project or research focus :</i> <i>“Local Instructional Theory Development Based on Realistic Mathematics Education”</i> <i>Period : 2017</i> <i>Partners : PNBPN UNP</i> <i>Amount of financing : IDR 90.000.000,-</i>		
	2. <i>Name of project or research focus :</i>		

	<p><i>“Development of Local Instruction Theory based on Realistic Mathematics Education”</i> <i>Period : 2018</i> <i>Partners : PNBP UNP</i> <i>Amount of financing : IDR 55.000.000,00</i></p>
	<p>3. <i>Name of project or research focus :</i> <i>“Development of Cognitive Conflict-Based Mathematics Learning Tools to Improve Middle School Students' Critical Thinking Ability”</i> <i>Period : 2019</i> <i>Partners : PNBP UNP</i> <i>Amount of financing : IDR 37.500.000,00</i></p>
	<p>4. <i>Name of project or research focus :</i> <i>“RME-based Local Instructional Theory development for Differential Equation Lecture”</i> <i>Period : 2019</i> <i>Partners : PNBP UNP</i> <i>Amount of Financing : IDR 40.000.000,-</i></p>
	<p>5. <i>Name of project or research focus :</i> <i>“Mathematical Cognition-Based Teacher Professional Development Model to Improve HOTS Curu and Elementary School Students.”</i> <i>Period : 2019</i> <i>Partners : PNBP UNP</i> <i>Amount of financing : IDR 60.000.000,-</i></p>
	<p>6. <i>Name of project or research focus :</i> <i>“Development of Learning Designs Based on RME Testing Topics Hypothesis to Improve Students' Statistical Reasoning Ability”</i> <i>Period : 2019</i> <i>Partners : PNBP UNP</i> <i>Amount of financing : IDR 40.000.000,-</i></p>
	<p>7. <i>Name of project or research focus :</i> <i>“Development of Local Instruction Theory Based on Realistic Mathematics Education Approach”</i> <i>Period : 2019</i> <i>Partners : DRPM</i> <i>Amount of financing : IDR 55.800.000,-</i></p>
Industry collaborations over the last 5 years	<p>1. <i>Project title: Improving the Ability of Junior High School Mathematics Teachers in Padang City in Designing PISA Questions (2017)</i> <i>Partners: BOPTN</i></p>
	<p>2. <i>Project title: Educational Research Methodology Workshop for lecturers in Kopertis area IX (2017)</i> <i>Partners : Kopertis Region X</i></p>
	<p>3. <i>Project title: Increasing the Ability of Elementary School Teachers in Payakumbuh in Designing Mathematics Questions to Assess Higher Order Thinking Skills (2018)</i> <i>Partners : PNBP UNP</i></p>

	4. <i>Project title :Improving the Ability of 5MP Mathematics and Science Teachers in West Sumatra in Designing PISA Types of Problems (2019)</i> <i>Partners :PNBP UNP</i>		
Patents and proprietary rights	Title		Year
	1.		
	2.		
Important publications over the last 5 years	1. Fauzan, A, Armiati, Ceria. A Learning Trajectory for Teaching Social Arithmetic using RME Approach. IOP Publisher. 5-6 october. vol.335.		
	2. A Fauzan, E Musdi and J Afriadi. <i>Developing learning trajectory for teaching statistics at junior high school using RME approach</i> . 2018. Journal of Physics: Conference Series, Banda Aceh, 27-28 June, Volume 1088.		
	3. Yulianti ,Ditria, A Fauzan. <i>Development Of Local Instruction Theory Topics Lowest Common Multiple And Greatest Common Factorbased On Realistic Mathematics Education In Primary Schools</i> . 2018. International Journal of Educational Dynamics, December, Vol. 1 No. 1.		
	4. Fauzan A, Tasman F, Fitria D. <i>Improving Payakumbuh Elementary Teachers' Ability In Designing Mathematical Higher Order Thinking Skills Problems</i> . 2018. Pelita Eksakta, Volume 2 Number 1, pp. 59-64		
	5. Fauzan A, Sari O.Y. <i>Fraction Based Learning Flow Development Realistic Mathematics Education</i> . 2017. Prosiding Seminar Nasional Pascasarjana (SNP) Unsyiah, Banda Aceh, April 12.		
	6. Mulia U.O, Fauzan A, Irwan. <i>The Effectiveness of Learning Device With Model Eliciting Activities (MEAS) to Improve Critical Thinking Ability</i> . 2018. Advances in Social Science, Education and Humanities Research (ASSEHR), volume 285.		
	7. A. Fauzan, E. Musdi, R.P. Yani. <i>The Influence of Realistic Mathematics Education (RME) Approach on Students' Mathematical Representation Ability</i> . 2017. Advances in Social Science, Education and Humanities Research, volume 173.		
	8. Arnellis, Fauzan A, Arnawa M. <i>Using Learning Trajectory Real Function Based on Realistic Mathematics Education to Increase High Order Thinking Skills of The Students' at SMAN 10 Padang</i> . 2018. Advances in Social Science, Education and Humanities Research (ASSEHR), volume 285		
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.		