



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	Dr. Yerizon, M.Si		
Post	Analysis Mathematics Education		
Academic career	Initial academic appointment	Institution	Year
		Universitas Negeri Padang	
Academic Background	1. Undergraduated Degree	IKIP Padang	1992
	2. Master Degree	Institut Teknologi Bandung	1997
	3. Doctoral Degree	UPI Bandung	2011
Employment	Position	Employer	Period
	Asisten Ahli Madya	Universitas Negeri Padang	1994-1998
	Asisten Ahli	Universitas Negeri Padang	1998-2001
	Lektor	Universitas Negeri Padang	2001-2006
	Lektor Kepala	Universitas Negeri Padang	2006- Now
Research and development projects over the last 5 years	1. Name of project or research focus : “ Development of Mathematics Learning Tools Based on M-APOS to Improve Mathematical Power of Junior High School Students (1 st Year)” Period : 2017 Partners : PNBP Amount of financing : IDR 75.000.000,-		
	2. Name of project or research focus : “ Development of Discovery Learning-Based Mathematics Learning Tools for Junior High School Students with Intrapersonal and Interpersonal Intelligence” Period : 2017 Partners : DRPM Amount of financing : IDR 51.200.000,-		
	3. Name of project or research focus : “ Development of Mathematics Learning Tools Based on M-APOS to Improve Mathematical Power of Junior High School Students (2nd Year)” Period : 2018 Partners : PNPB UNP Amount of financing : IDR 55.000.000,-		

<p>4. Name of project or research focus : <i>"Menumbuhkembangkan Kemampuan Spasial Mahasiswa dengan Perangkat Pembelajaran Kalkulus Lanjut Berbantuan Software Geogebra"</i> Period : 2020 Partners : PNBP UNP Amount of financing : IDR 75.000.000,-</p>	
<p>5. Name of project or research focus : <i>" Development of Linear Algebra Class Tools Based on the Apos Theory Approach (1st Year)"</i> Period : 2018 Partners : DRPM Amount of financing : IDR 155.000.000,-</p>	
<p>6. Name of project or research focus : <i>" Development of Mathematics Based Learning Tools Problem Based Learning to Improve the Reasoning Ability and Problem Solving Junior High School Student"</i> Period : 2019 Partners : DRPM Amount of financing : IDR 50.100.000,-</p>	
<p>7. Name of project or research focus : <i>"Development of Mathematics Based Learning Tools Realistic Mathematics Education Approach To Improve Communication and Mathematical Reasoning Ability of Junior High School Students"</i> Period : 2019 Partners : DRPM Amount of financing : IDR 52.000.000,-</p>	
<p>8. Name of project of research focus : <i>" Development of Guided Invention-Based Mathematics Learning Tools to Improve Reasoning Ability and Problem Solving Junior High School Students"</i> Period : 2019 Partners : DRPM Amount of financing : IDR 50.100.000,-</p>	
<p>9. Name of project of research focus : <i>" Development of Linear Algebra Class Tools Based on the Apos Theory Approach (2nd Year)"</i> Period : 2019 Partners : DRPM Amount of financing : IDR 81.000.000,-</p>	
<p>10. Name of project of research focus : <i>"Pengembangan Perangkat Pembelajaran Matematika Berbasis Metode Penemuan Terbimbing berbantuan computer untuk Meningkatkan kemampuan Pemecahan Masalah Peserta Didik.</i> Period : 2020 Partners : DRPM Amount of financing : IDR 35.000.000,-</p>	
<p>11. Name of project of research focus : <i>"Pengembangan Perangkat Pembelajaran Matematika Berorientasi Mitigasi Bencana untuk Meningkatkan Siaga Bencana Peserta Didik"</i></p>	

	Period : 2020 Partners : DRPM Amount of financing : IDR 30.000.000,-		
Industry collaborations over the last 5 years	1. Project title: <i>Training The Use Of Various Mathematics Teaching Methods Through Lesson Study In Mathematics MGMP SMP, Padang Pariaman District</i> Partners: PNPB UNP		
Patents and proprietary rights	Title		Year
	1.	Increasing the Proving Ability and Independent Learning Mathematics of Students Through the M-APOS Approach	2011
	2.	Approach-Based Mathematics Hand Out Contextual for Class VII / 2 SMP / MTs	2018
Important publications over the last 5 years	1.	Arnawa,I,dkk. 2019. <i>Improvement Students' Level of Proof Ability in Abstract Algebra Through APOS Theory</i> . International Journal of Scientific dan Technology Research. IJSTR http://repository.unp.ac.id/26416/1/14%20IJSTR%20I%20Made%20Yerizon.pdf	
	2.	Rahmi, Neilur, dkk.2019. <i>Preparation Development of Learning Device Problem Based Learning Model with Scientific Approach to Improve Mathematical Problem Solving Ability</i> . International Journal of Scientific dan Technology Research. IJSTR. http://repository.unp.ac.id/26418/1/16%20IJSTR%20Neilur%20Yerizon.pdf	
	3.	Arnawa, IM,dkk. 2019. <i>Development of Students' Worksheet Based on APOS Theory Approach to Improve Student Achievement in Learning System of Linear Equations</i> . Int.J.SCI.Technol.Res.	
	4.	Ulfah,AS,dkk. 2020. <i>Preliminary Research of Mathematics Learning Device Development Based on Realistic Mathematics Education (RME)</i> . Journal of Physics: Conference Series. IOP Publishing. https://iopscience.iop.org/article/10.1088/1742-6596/1554/1/012027/pdf	
	5.	Ismail, RN,dkk. 2020. <i>Student Worksheet Usage Effectiveness Based on Realistics Mathematics Educations Toward Mathematical Communication Ability of Junior High School Student</i> . Journal of Physics: Conference Series. IOP Publishing. https://iopscience.iop.org/article/10.1088/1742-6596/1554/1/012044/pdf	
	6.	Arnellis,A,dkk. 2020. <i>The Effect of realistic Mathematics Education Approach Oriented Higher Order Thinking Skills to Achievements' Calculus</i> . Journal of Physics: Conference Series. IOP Publishing. https://iopscience.iop.org/article/10.1088/1742-6596/1554/1/012033/pdf	
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.			

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