



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. Edwin Musdi, M.Pd		
Post	Applied Mathematics Mathematics Education		
Academic career	Initial academic appointment	Institution	Year
		Universitas Negeri Padang	1988
Academic Background	1. Undergraduated Degree	IKIP Padang	1979
	2. Master Degree	IKIP Malang	1987
	3. Doctoral Degree	Universitas Negeri Padang	2012
Employment	Position	Employer	Period
	Asisten Ahli Madya	Universitas Negeri Padang	1988-1989
	Asisten Ahli	Universitas Negeri Padang	1989-1991
	Lektor Muda	Universitas Negeri Padang	1991-1993
	Lektro Madya	Universitas Negeri Padang	1993-1997
	Lektor	Universitas Negeri Padang	1997-2001
	Lektor Kepala	Universitas Negeri Padang	2001-Now
Research and development projects over the last 5 years	1. <i>Name of project or research focus :</i> <i>Development of Flip Learning Mathematics Learning Tools in SMA Kota Padang (Year 1)</i> <i>Period : 2017</i> <i>Partners : PNBPN UNP</i> <i>Amount of financing : IDR.47.000.000,-</i>		

	<p>2. <i>Name of project or research focus :</i> <i>Development of Flip Learning Mathematics Learning Tools in SMA Kota Padang</i> <i>Period : 2018</i> <i>Partners : PNBP UNP</i> <i>Amount of financing : IDR 40.000.000,-</i></p>
	<p>3. <i>Name of project or research focus :</i> <i>Based Learning Flip Classroom on Secondary School. Improvement Efforts Ability to Think Critical and Reasoning Mathematical</i> <i>Period : 2019</i> <i>Partners : DRPM</i> <i>Amount of financing : IDR 53.900.000,-</i></p>
	<p>4. <i>Name of project or research focus :</i> <i>Development Device Learning Geometry Based Van Hiele's Theory for Upgrade Thinking Ability Critical and Ability Mathematical Communication Junior High School Students Padang</i> <i>Period : 2019</i> <i>Partners : DRPM</i> <i>Amount of financing : IDR 51.700.000,-</i></p>
	<p>5. <i>Name of project or research focus :</i> <i>Development Device Learning Math Based Contextual Teaching and Learning (CTL) to Increase Ability Mathematical Communication and Solution Problems in Junior High School Padang</i> <i>Period : 2019</i> <i>Partners : DRPM</i> <i>Amount of financing : IDR 54.300.000,-</i></p>
	<p>6. <i>Name of project or research focus :</i> <i>Development Device Learning Math Based Realistic Approach Mathematics Education (RME) to Increase ability Communication and Ability Solution to Problem Mathematics Students in Intermediate School</i> <i>Period : 2019</i> <i>Partners : DRPM</i> <i>Amount of financing : IDR 54.200.000,-</i></p>
<p>Industry collaborations over the last 5 years</p>	<p>1. <i>Project title:</i> <i>Improving The Ability of High School Mathematics Teachers in Making E-Modules in the City of Padang Panjang</i> <i>Partners: PNBP UNP</i></p>
	<p style="text-align: center;">Title</p>
	<p style="text-align: center;">Year</p>

Patents and proprietary rights	1.		
	2.		
Important publications over the last 5 years	1. Musdi, E & Anggrawati A. (2018). Application of Learning Strategies to Improve Thinking Skills (SPPKB) in Mathematics Learning for Class VII Students of SMPN 28 Padang. <i>Journal of Mathematics and Mathematics Education. Math Educa Journal</i> 2(1)(2018):79-90. http://ejournal.uinib.ac.id/index.php?journal=mej		
	2. Rahmi, M., Yerizon & Musdi E. (2017). The Stage of Preliminary Research Development Based on Enhancing Students Mathematical Communication Skill in Class VII Students of MTs / SMP. <i>Journal "Mosharafa"</i> , Vol. 6, No.2		
	3. Rahmiati, Musdi E & Fauzi A. (2017). Developing Mathematical Learning Device Based on Discovery Learning to Increase Problem Solving Skill Students Class VIII SMP. <i>Journal "Mosharafa"</i> , Vol.6, No.2		
	4. Agustina, D., Musdi E & Fauzan A. (2014). Application of Problem-Solving Strategies to Improve the Mathematical Problem-Solving Abilities in Class VIII SMP Negeri 7 Padang. <i>Journal of Mathematics Education, Part 1: Page. 20-24. Vol. 3, No.2</i>		
	5. Musdi, Edwin., Syafriandi & Tasman F. (2019). Improving High School Mathematics Teacher Ability in Making E-Module in Padang Panjang City. <i>Journal of Pelita Eksakta. Vol. 2, No. 1, pp. 52-56</i>		
	6. M, Suci P., Musdi E & Ahda Y. (2019). Validity of Guided Discovery Models-Based Learning Devices to Improve Mathematical Problem-Solving Ability. <i>Journal of Advances in Social Science, Educatio and Humanities Research, Vol. 178</i>		
	7. Arnilawati., Arniati & Musdi E. (2018). Student Worksheet Based on Contextual Teaching and Learning in Linear Equation System Materials of Two Variables. <i>Journal of Advances in Social Science, Educatio and Humanities Research, Vol. 285</i>		
	8. Musdi, Edwin & Gsunuta N. (2018). Development of Mathematical Learning Devices Using Van Hiele Theory in Geometry of The Students In Grade VII Secondary High School. <i>Journal of Advances in Social Science, Educatio and Humanities Researc(ASSEHR), Vol. 285</i>		
	9. Wati, Suci K. & Musdi E. (2018). Effectivness of Developing Mathematical Learning Device Based On Open Ended Approach To Improve Mathematical Creative Thinking Ability Of Junior High School Students. <i>Journal of Advances in Social Science, Educatio and Humanities Researc(ASSEHR), Vol. 285</i>		
Activities in specialist bodies over the last 5 years (<i>Membership</i>)	Organisation	Role	Period
	1. Ahli Dosen Republik Indonesia Sumbar (ADRI)	Sekretaris	2016-2020

<i>without a specific role need not be mentioned)</i>	2.		
	3.		