



# 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**

Name	Dr. Irwan, M.Si		
Post	<i>Geometry</i> <i>Mathematics Education</i> <i>Statistics</i>		
Academic career	<b>Initial academic appointment</b>	<b>Institution</b>	<b>Year</b>
		Universitas Negeri Padang	1995
Academic Background	1. Undergraduated Degree	IKIP Padang	1990
	2. Master Degree	Institut Teknologi Bandung	1995
	3. Doctoral Degree	UPI Bandung	2011
Employment	<b>Position</b>	<b>Employer</b>	<b>Period</b>
	Asisten Ahli Madya	Universitas Negeri Padang	1995-1997
	Asisten Ahli	Universitas Negeri Padang	1997-1999
	Instructor (Lektor Muda)	Universitas Negeri Padang	1999-2001
	Assistant Professor (Lektor)	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 Learning Tools Based on the Model Eleciting Activities (MEAs) Approach to Improve the Mathematical Ability of Class X Students of SMA Negeri Kota Padang (1st Year ) "</i> <i>Period : 2017</i> <i>Partners :</i> <i>Amount of financing : Rp. 75.000.000,00-</i>		

	<p>2. <i>Name of project or research focus :</i>  <i>“Development of Learning Tools Based on the Model Eliciting Activities (MEAs) Approach to Improve the Mathematical Ability of Class X Students of SMA Negeri Kota Padang (2nd Year ) ”</i>  <i>Period : 2018</i>  <i>Partners :</i>  <i>Amount of financing : Rp. 55.000.000,00-</i></p>		
Industry collaborations over the last 5 years	<p>1. <i>Project title: Development of a Mathematics Learning Module for SMA Kota Padang Facing 21st Century Learning(2019)</i>  <i>Partners: PNBP</i></p>		
	<p>2. <i>Project title: Programmed Community Service Activities with the Kema Community Partnership Program entitled Increasing the ability of SMAN 2 Lubuk Sikaping Teachers in Implementing Constructivism-Based Learning Models at CAR (2019)</i>  <i>Partners: education authorities</i></p>		
Patents and proprietary rights	<b>Title</b>		<b>Year</b>
	-		-
Important publications over the last 5 years	<p>1. <i>Irwan. 2018. Problem Based Learning in Mathematics Education and Its Effect on Student's Critical thinking. Advanced Science Letter Vol. 24.</i></p>		
Activities in specialist bodies over the last 5 years ( <i>Membership without a specific role need not be mentioned</i> )	<b>Organisation</b>		<b>Role</b>
	<p>1. <i>IndoMS</i></p>		<p><i>Member</i></p>
			<b>Period</b>
			<p><i>2011-2019</i></p>