



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

Jalan Prof. Dr. Hamka Air Tawar Padang, Sumatera Barat, Telepon: +62 751 7053902, Fax: +62 751 7055628, Email: [info@unp.ac.id](mailto:info@unp.ac.id)

**Bachelor of Education in Mathematics**

**STAFF HANDBOOK**

Telp. : 081363269605  
 Email : [mukhni@fmipa.unp.ac.id](mailto:mukhni@fmipa.unp.ac.id), mukhniajoo@yahoo.co.id  
 Website :

Name	Drs. Mukhni, M.Pd.		
Post	Mathematics Educations, Analysis Mathematics		
Academic career	<b>Initial academic appointment</b>	<b>Institution</b>	<b>Year</b>
		Universitas Negeri Padang	1985
Academic Background	1. Undergraduate Degree	IKIP Padang	1984
	2. Master Degree	FPS IKIP Malang	1988
Employment	<b>Position</b>	<b>Employer</b>	<b>Period</b>
	1. Asisten Ahli Madya	Universitas Negeri Padang	1985-1991
	2. Asisten Ahli	Universitas Negeri Padang	1991
	3. Instructor (Lektor Muda)	Universitas Negeri Padang	1991-1996
	4. Lektor Madya	Universitas Negeri Padang	1966-1999
	5. Assistant Professor (Lektor)	Universitas Negeri Padang	1999-2001
	6. Associate Professor (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 Calculus Learning Assessment Tools to Improve Students' Critical Thinking, Reasoning, and Mathematical Communication Skills (year II) ”</i> <i>Period : 2017</i> <i>Partners : DRPM</i> <i>Amount of financing : IDR 170.500.000,-</i>		
	2. <i>Name of project or research focus :</i> “ <i>Development of Calculus Learning Assessment Tools to Improve Students' Critical Thinking, Reasoning, and Mathematical Communication Skills (year III) ”</i> <i>Period : 2018</i> <i>Partners : DPRM</i> <i>Amount of financing : IDR 80.000.000,-</i>		

Industry collaborations or community services over the last 5 years	1. <i>Project title: TRAINING AND WORKSHOP COMPETENCE PROFESSIONAL FOR MATH TEACHER AT SMA KARI IPATFN PADANG PARIAMAN ( 2018 )</i> <i>Partners: PNBP UNP</i>		
	2. <i>Project title: TRAINING AND USAGE WORKSHOP TECHNOLOGY IN LEARNING FOR HIGH SCHOOL MATHEMATICS TEACHERS IN PADANG PARIAMAN DISTRICT ( 2019 )</i> <i>Partners: PNBP UNP</i>		
Patents and proprietary rights	<b>Title</b>		<b>Year</b>
	1. <i>Perangkat Assesment Berpikir Kritis Pembelajaran Kalkulus</i>		2017
Important publications over the last 5 years	1. Mukhni. <i>The Application of the Realistic Mathematics Education Learning Approach to Students' Mathematical Problem-Solving Ability. Proceedings of the National Seminar on Mathematics-Indo Mathematics Education MS, ISSN :2502-342X</i>		
	2. Mukhni (2017). <i>The Concept Understanding Ability of Class XI IPS Students of SMAN 2 Bukittinggi through Guided Discovery Model Application. Prosiding Seminar national Mat-PMat STKIP PGRI West Sumatera Padang, 29 April 2017, Vol 3 No.1, ISSN : 2443-1257</i>		
	3. Mukhni. (2017). <i>The Analysis of the Mathematical Reasoning Ability of Class X Students of SMA Negeri 5 Bukittinggi through the Application of Problem Based Learning Model.</i>		
	4. Mukhni. (2018). <i>Enhancing students' critical thinking skills through critical thinking assessment in calculus course. ICE-STEM. IOP Conf. Series: Journal of Physics: Conf. Series 948 (2018)012031 doi:10.1088/1742-6596/948/1/012031</i>		
	5. <i>Mukhni (2018). Error analysis of mathematics teacher in solving calculus problem. ICOMSET. IOP Conf. Series: Journal of Physics: Conf. Series 1317 (2019)012120 doi:10.1088/1742-6596/1317/1/012120</i>		
	6. Mukhni (2018). <i>Problems Analysis of Calculus Learning in Higher Educations. ICM2E. Advances in Social Science, Education and Humanities Research (ASSEHR), volume 285</i>		
	7. Mukhni (2018). <i>Development of the First Prototype of the Calculus Class Assessment Devoces.</i>		
	8. Mukhni (2019). <i>Teachers' perception of media tools in mathematics learning at senior high school To cite this articel :M Mukhni et al 2020 J.Phys:Conf. Ser. 1554 012050</i>		
	9. Mukhni (2021). <i>Teachers' perspective of algebra learning in junior high school ICM2E 2020, J.Phys:conf. Ser. 1742 012015</i>		
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>
			<b>Period</b>