



## UNIVERSITAS NEGERI YOGYAKARTA

Faculty of Mathematics and Natural Sciences

Department of Mathematics Education

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### Bachelor of Education in Mathematics

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### STAFF HANDBOOK

Name	<b>Nila Mareta Murdiyani, S.Pd, M.Sc</b>		
Expertise	Mathematics Education		
Academic Career	Initial Academic Appointment	<b>Institution</b>	<b>Year</b>
		Universitas Negeri Yogyakarta	2012
Academic Background	1. Post Doctoral	-	-
	2. Doctoral Degree	-	-
	3. Master Degree	Universitas Sriwijaya – Utrecht University	2012
	4. Undergraduate Degree	Universitas Negeri Semarang	2009
Employment	<b>Position</b>	<b>Employer</b>	<b>Period</b>
	1. Tenaga Pengajar/CPNS	Universitas Negeri Yogyakarta	01/12/2012 - 01/05/2014
	2. Asisten Ahli Madya	Universitas Negeri Yogyakarta	01/05/2014 - 01/05/2015
	3. Asisten Ahli	Universitas Negeri Yogyakarta	01/05/2015 - 01/07/2018
	4. Instructor (Lektor Muda)	Universitas Negeri Yogyakarta	01/07/2018 - sekarang
	5. Assistant Professor (Lektor)	Universitas Negeri Yogyakarta	
Research and development projects over the last 5 years	6. Associate Professor (Lektor Kepala)	Universitas Negeri Yogyakarta	
	Research and development projects over the last 5 years		
Industry collaborations over the last 5 years	1. Project title: Pelatihan Pengembangan Desain Pembelajaran Matematika Berdasarkan Cognitive Load Theory I (2019) Partner: <b>LPPM UNY</b>		
	2. Project title: Workshop Penguatan Kompetensi Profesional dan Pedagogik Guru Matematika dalam Implementasi Permendikbud No. 37 Tahun 2018 (2019) Partner: <b>FMIPA UNY</b>		
	3. Project title: Workshop Penguatan Konsep dan Inovasi Pembelajaran Matematika Kelas V Sekolah Dasar (2018) Partner: <b>FMIPA UNY</b>		
	4. Project title: Workshop Pemanfaatan Lesson Study untuk Meningkatkan Kualitas Pembelajaran di Sekolah Menengah Pertama Kabupaten Gunung Kidul (2017) Partner: <b>FMIPA UNY</b>		

	5. Project title: Workshop Penyusunan Perangkat Pembelajaran Matematika Inovatif dalam Kerangka Kurikulum 2013 bagi Guru Matematika SMP (2016) Partner: <b>FMIPA UNY</b>		
	6. Project title: Workshop Pengembangan ICT untuk Pembelajaran Matematika bagi Guru Matematika SMA di Kabupaten Sleman (2015) Partner: <b>FMIPA UNY</b>		
	7. Project title: Workshop Pengembangan ICT untuk Pembelajaran Matematika bagi Guru Matematika SMP di Kabupaten Sleman Yogyakarta (2014) Partner: <b>FMIPA UNY</b>		
	<b>Title</b>		
Patents and proprietary rights		<b>Year</b>	
	1. Published book: " <a href="#">Kajian Pendidikan Matematika Internasional</a> " Oleh: Nila Mareta Murdiyani, S.Pd, M.Sc UNY Press ISBN:		2018
	2. Published book: " <a href="#">Filsafat Matematika</a> " Oleh: Prof. Dr. Marsigit, M.A, Nila Mareta Murdiyani, S.Pd, M.Sc, & Ilham Rizkianto, S.Pd, M.Sc UNY Press ISBN:		2015
	<b>Selected recent publications form a total of approx.:</b>		
Important publications over the last 5 years	1. <a href="#">Murdiyani, N.M.</a> (2018). <b>Developing non-routine problems for assessing students' mathematical literacy.</b> : Journal of Physics: Conf. Series, 983, p:012115, doi :10.1088/1742-6596/983/1/012115		
	2. Retnowati, E., <a href="#">Murdiyani, N.M.</a> , Marsigit, M., Sugiman, S., & Mahmudi, A. (2018). <b>Improving pedagogic competence using an e-learning approach for pre-service mathematics teachers.</b> Journal of Physics: Conf. Series, 983, p:012126, doi :10.1088/1742-6596/983/1/012126		
	3. Sugiyono, S., Murdanu, M., & <a href="#">Murdiyani, N.</a> (2014). <b>Pengembangan Perangkat Pembelajaran Matematika pada Topik Geometri Menggunakan Paradigma Baru dalam Pembelajaran Matematika.</b> Jurnal Pendidikan Matematika dan Sains, 2(2), 117-125. doi:https://doi.org/10.21831/jpms.v4i2.7162		
	4. <a href="#">Murdiyani, N.</a> (2013). <b>Scaffolding to Support Better Achievement in Mathematics. Pythagoras:</b> Jurnal Pendidikan Matematika, 8(1), 84-91. doi:https://doi.org/10.21831/pg.v8i1.8496		
	5. Zulkardi, Z., Putri, R.I.I, Eerde, D.V., Galen, F.V., & <a href="#">Murdiyani, N.</a> (2013). <b>Developing a Model to Support Students in Solving Subtraction.</b> IndoMS. J.M.E, 4(1), pp. 95-112		
Activities in specialist bodies over the last 5 years (Membership without a specific role need not be mentioned)	<b>Organization</b>	<b>Role</b>	<b>Period</b>