



## 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>Bambang Sumarno Hadi Marwoto, S.Kom., M.Kom.</b>		
Expertise	Computer Science		
Academic Career	Initial Academic Appointment	<b>Institution</b>	<b>Year</b>
		Universitas Negeri Yogyakarta	1998
Academic Background	1. Post Doctoral	-	-
	2. Doctoral Degree	-	-
	3. Master Degree	Universitas Gadjah Mada	2004
	4. Undergraduate Degree	Universitas Gadjah Mada	1996
Employment	<b>Position</b>	<b>Employer</b>	<b>Period</b>
	1. Tenaga Pengajar/CPNS	Universitas Negeri Yogyakarta	01/02/1998 - 01/01/2001
	2. Asisten Ahli Madya	Universitas Negeri Yogyakarta	
	3. Asisten Ahli	Universitas Negeri Yogyakarta	01/01/2001 - 01/04/2015
	4. Instructor (Lektor Muda)	Universitas Negeri Yogyakarta	01/04/2015 - sekarang
	5. Assistant Professor (Lektor)	Universitas Negeri Yogyakarta	
	6. Associate Professor (Lektor Kepala)	Universitas Negeri Yogyakarta	
Research and development projects over the last 5 years	<p>DIPA FMIPA UNY  <a href="#">"Analisis Klasifikasi Prestasi Akademik (IPK) Mahasiswa berdasarkan Tingkat Penguasaan ICT dan Latar Belakang Sosial Ekonomi Keluarga dengan Decision Tree C4.5"</a>            Periode: 2017            Partner: Nur Hadi Waryanto, S.Si., M.Eng.; Kuswari Hernawati, S.Si.,M.Kom.            Amount of financing: IDR 10.000.000,-</p>		
Industry collaborations over the last 5 years			
Patents and proprietary rights	<b>Title</b>	<b>Year</b>	
Important publications over the last 5 years	<b>Selected recent publications form a total of approx.:</b>		
	1. Waryanto, N., <a href="#">Marwoto, B.</a> , Hernawati, K., Emut, E., & Insani, N. (2017). <b>Pelatihan Pembuatan Buku Elektronik Interaktif</b> . Jurnal Pengabdian Masyarakat MIPA dan Pendidikan MIPA, 1(1), 33-40. doi: <a href="https://doi.org/10.21831/jpmmp.v1i1.12971">https://doi.org/10.21831/jpmmp.v1i1.12971</a>		

	<p>2. Amal, I., &amp; <a href="#">Marwoto, B.</a> (2017). <b>PENGOLAHAN CITRA DIGITAL MENGGUNAKAN METODE SUSAN DETECTION DAN NEUROFUZZY UNTUK IDENTIFIKASI KOMPONEN KUALITAS BERAS</b>, Jurnal Matematika, 6(4), 30-45. <a href="http://journal.student.uny.ac.id/ojs/index.php/math/article/view/7914">http://journal.student.uny.ac.id/ojs/index.php/math/article/view/7914</a></p>
	<p>3. Hernawati, K., Insani, N., <a href="#">Sumarno, B.</a>, Waryanto, N.H., Sahid, S. (2017). <b>Mapping the Indonesian territory, based on pollution, social demography and geographical data, using self organizing feature map</b>. AIP Conference Proceedings 1868(1), p.040002 (2017); <a href="https://doi.org/10.1063/1.4995117">https://doi.org/10.1063/1.4995117</a>.</p>
	<p>4. Hernawati, K., Insani, N., <a href="#">Sumarno, B.</a>, &amp; Waryanto, N. (2016). <b>ANALYSIS OF RELATION TERM BETWEEN CUMMULATIVE PERFORMANCE INDEX AND SNMPTN DATA BASE USING APPRIORITY ALGORITHM</b>. Jurnal Sains Dasar, 4(2), 152 - 163. doi:<a href="https://doi.org/10.21831/jsd.v4i2.9092">https://doi.org/10.21831/jsd.v4i2.9092</a></p>
	<p>5. Hernawati, K., Insani, N., &amp; <a href="#">Sumarno, B.</a> (2014). <b>Application Of Association Rules With Apriori Algorithm To Determine The Pattern Of The Relationship Between SBMPTN Database And Student's Grade Point Average</b>. International Seminar on Innovation in Mathematics and Mathematics Education. ISSN 978-602-1037-00-3</p>

	Organization	Role	Period
Activities in specialist bodies over the last 5 years <i>(Membership without a specific role need not be mentioned)</i>			