



UNIVERSITAS NEGERI YOGYAKARTA

Faculty of Mathematics and Natural Sciences
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STAFF HANDBOOK

Name	Bambang Sumarno Hadi Marwoto, S.Kom., M.Kom.		
Expertise	Computer Science		
Academic Career	Initial Academic Appointment	Institution	Year
		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	Position	Employer	Period
	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 "Analisis Klasifikasi Prestasi Akademik (IPK) Mahasiswa berdasarkan Tingkat Penguasaan ICT dan Latar Belakang Sosial Ekonomi Keluarga dengan Decision Tree C4.5" 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	Title	Year	
Important publications over the last 5 years	Selected recent publications form a total of approx.:		
	1. Waryanto, N., Marwoto, B. , Hernawati, K., Emut, E., & Insani, N. (2017). Pelatihan Pembuatan Buku Elektronik Interaktif . Jurnal Pengabdian Masyarakat MIPA dan Pendidikan MIPA, 1(1), 33-40. doi: https://doi.org/10.21831/jpmmp.v1i1.12971		

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