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 Faculty of Mathematics and Natural Sciences  
 Department of Mathematics Education

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**STAFF HANDBOOK**

Name	<b>Kuswari Hernawati, M.Kom.</b>		
Expertise	Computer Science		
Academic Career	Initial Academic Appointment	<b>Institution</b>	<b>Year</b>
		Universitas Negeri Yogyakarta	2006
Academic Background	1. Post Doctoral	-	-
	2. Doctoral Degree	Universitas Negeri Yogyakarta	-
	3. Master Degree	Universitas Gadjah Mada	2003
	4. Undergraduate Degree	Universitas Sebelas Maret	1999
Employment	<b>Position</b>	<b>Employer</b>	<b>Period</b>
	1. Tenaga Pengajar/CPNS	Universitas Negeri Yogyakarta	
	2. Asisten Ahli Madya	Universitas Negeri Yogyakarta	
	3. Asisten Ahli	Universitas Negeri Yogyakarta	30/06/2006 - 30/06/2009
	4. Instructor (Lektor Muda)	Universitas Negeri Yogyakarta	
	5. Assistant Professor (Lektor)	Universitas Negeri Yogyakarta	30/06/2009 - 02/09/2013
	6. Associate Professor (Lektor Kepala)	Universitas Negeri Yogyakarta	02/09/2013 - sekarang
Research and development projects over the last 5 years	1. DIPA Fakultas "Pengembangan Skema Pencapaian Kompetensi Lulusan Program Studi Pendidikan Matematika" Periode : 2017 Partner : Wahyu Setyaningrum, S.Pd., M.Ed., Ph.D, Endah Retnowati, S.Pd., M.Ed., Ph.D., & Dr. Ali Mahmudi, M.Pd Amount of financing : IDR 10.000.000,-		
	2. DIPA Fakultas "Pemetaan Wilayah Berdasarkan Indeks Pembangunan Manusia Dan Polusi Udara Menggunakan Jaringan Syaraf Tiruan: Self Organizing Feature Map" Periode : 2016 Partner : Nur Insani, S.Si., M.Sc., Nur Hadi Waryanto, S.Si., M.Eng., Bambang Sumarno Hadi Marwoto, M.Kom., & Drs. Sahid, M.Sc. Amount of financing : IDR 10.000.000,-		

Industry collaborations over the last 5 years	1. Project title: Pelatihan Bijak Sosial Media Bagi Orangtua Untuk Pendampingan Penggunaan Smartphone Yang Bertanggung Jawab (2017) Partner: <b>Puskesmas Desa Gedangsari</b>		
	2. Project title: Pelatihan Pembuatan Buku Elektronik Interaktif (2016) Partner: <b>MTA (Majelis Tafsir Al-Qur'an) di Kabupaten Sleman</b>		
	3. Project title: Upaya Pengoptimalan Konten E-Learning Melalui Pengembangan Mathematics Learning Video (MLV) Berbantu Geogebra Dan Camtasia (2016) Partner: <b>MGMP Matematika Sleman</b>		
	4. Project title: Pelatihan Pembuatan Website Pemerintahan Desa Dengan Cms Wordpress Di Kabupaten Sleman Daerah Istimewa Yogyakarta (2015) Partner: <b>Pemkab Sleman</b>		
	5. Project title: Pelatihan Pembuatan Website Sebagai Sarana Publikasi Organisasi Dan Pemerintahan Desa Di Kabupaten Sleman Daerah Istimewa Yogyakarta (2014)  Partner: <b>Pemerintah Desa Kabupaten Sleman</b>		
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. Lestari, H.P., & <a href="#">Hernawati, K.</a> (2014). The Student's Response To Solid Geometry Learning Using Information Communication Technology (ICT). International Seminar on Innovation in Mathematics and Mathematics Education. ISSN 978-602-1037-00-3		
	2. <a href="#">Hernawati, K.</a> , Insani, N., & Sumarno, B. (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		
	3. Hernawati, K. (2015). <b>Integrasi Teknologi Web 2.0 dalam Pembelajaran Matematika.</b> PROSIDING SEMINAR NASIONAL MATEMATIKA DAN PENDIDIKAN MATEMATIKA. ISSN 978-602-73403-0-5		
	4. Pradipta, D., & <a href="#">Hernawati, K.</a> (2015). Pengembangan Lembar Kegiatan Siswa Materi Garis dan Sudut dengan Pendekatan Inquiry Berbantuan Software Wingeom. PROSIDING SEMINAR NASIONAL MATEMATIKA DAN PENDIDIKAN MATEMATIKA. ISSN 978-602-73403-0-5		
5. <a href="#">Hernawati, K.</a> , Insani, N., Sumarno, B., 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> .			
Activities in specialist bodies over the last 5 years <i>(Membership without a specific role need not be mentioned)</i>	<b>Organization</b>	<b>Role</b>	<b>Period</b>