



**MINISTRY OF RESEARCH, TECHNOLOGY, AND HIGHER EDUCATION  
UNIVERSITAS NEGERI YOGYAKARTA**

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**STAFF HANDBOOK**

**A. Personal Identity**

1.	Full Name	Dr. rer. nat. Senam
2.	Functional Position	Lektor
3.	NIP	19670306 199203 1 011
4.	Place and Date of Birth	Kulon Progo, 06 Maret 1967
5.	Home Address	Krapyak RT 05 RW 17 Sidoarum, Godean, Sleman, Yogyakarta
6.	Telephone/Fax	-
7.	Phone	-
8.	Office Address	Juridik Kimia FMIPA UNY Karangmalang Yogyakarta 55281
9.	Telephon/Fax	(0274)548203
10.	E-mail	senam@uny.ac.id
11.	Specific Expertise	Biokimia
12.	Subjects taught	1. Biokimia
		2. Praktikum Biokimia
		3. Biomolekuler dan Rekayasa Genetika
		4. Kapita Selekta Sains
		5. Metodologi Penelitian Pendidikan
		6. Proposal Tesis

**B. Educational Background**

Program	S1	S2	S3
1. Institution Name	IKIP Yogyakarta, Yogyakarta	Institut Teknologi Bandung, Bandung	Technische Universitat Dresden, Jerman
2. Field	Pendidikan Kimia	Biokimia	Biokimia
3. Year of Entry	1992	1996	2004
4. Graduation Year			
5. Title of Undergraduate Thesis/ Master Thesis/ and Dissertation	Hubungan Antara Motivasi Berprestasi dan Sikap Ilmiah Terhadap Prestasi Belajar Kimia SMA N 1 Sentolo	Konstruksi Mutan Sal 4 Ragi <i>Saccharomyces cerevisiae</i>	Characterisierung Des Ylt 1 Retrotransposon <i>Yarrowia lipolytica</i>
6. Promotor	Prof. Dr. Sukardjo	Prof. Akhmaloka, Ph.D	Prof. Dr. Gerold Barth

**C. Training Experience**

No	Training Field	Organizer	Year	Certificate
1				
2				

**D. Research Experiences**

No	Year	Research Title	Funding	
			Source	Amount (Milion Rp)
1	2016	Pengembangan Nanomaterial Sebagai <i>Drug Carrier</i> pada Penghantaran Insulin	Penelitian Unggulan	20
2	2015	Pengembangan Perangkat Pembelajaran IPA Abad XXI Berbasis Scientific Approach pada Kurikulum 2013 untuk Meningkatkan Literasi Sains Peserta Didik SMP	Hibah Tim Pasca	119
3	2015	Pengembangan Instrumen Penilaian Otentik dalam Pembelajaran Kimia SMA/SMK	DIPA PPs UNY	15
4	2014	Implementasi Penilaian Otentik Dalam Pembelajaran IPA di Sekolah Menengah	DIPA PPs UNY	20

**E. Community Service Experiences**

No	Year	Community Service Title	Funding	
			Source	Amount (Milion Rp)
1	2015	Workshop Penyusunan Proposal dan Laporan Penelitian Tindakan Kelas Bagi Guru di Sentolo Kulon Progo	DIPA PPs UNY	12,5
2	2014	Workshop Penyusunan Proposal Penelitian Tindakan Kelas Bagi Tenaga pendidik IPA SMP di Kabupaten Kulon Progo	DIPA PPs UNY	15

**F. Internationa; Seminar/Workshop/Convention Experience**

No	International Seminar/Workshop	Year	Position (Participant/Presenter/ Keynote Speaker)
1	1 <sup>st</sup> International Seminar on Science Education	2015, Yogyakarta	Presenter
2	1 <sup>st</sup> International Seminar on Science Education	2015, Yogyakarta	Presenter
3	1 <sup>st</sup> International Seminar on Science Education	2015, Yogyakarta	Presenter

**G. Local and National of Seminar/Workshop/Convention Experience**

No	Local and National Seminar/Workshop/ Convention	Year	Position (Participant/Presenter/ Keynote Speaker)
1			
2			

**H. Publication on International Journal**

No	Title	Year	Journal Name and Edition
1			
2			

**I. Publication on National Journal**

No	Title	Year	Journal Name and Edition
1	Pengembangan Perangkat Pembelajaran IPA Berbasis SETS untuk Meningkatkan <i>Scientific Literacy</i> dan <i>Foundational Knowledge</i>	2015	J Inov Pend IPA
2	Studi Kemampuan Guru Kimia SMA Lulusan UNY Dalam Mengembangkan Soal UAS Berbasis HOTS	2015	J Inov Pend IPA

**J. Book Writing Experience**

No	Year	Title	Number of pages	Publisher
1				
2				

**K. Structural Position Experience**

No	Position	Year	Description
1			
2			

**L. Profesional Experience**

No	Position	Year	Description
1			
2			

**M. Professional Organizational Membership**

No	Professional Organizational Name	Year	Position
1			
2			

Thus this biodata made in truth to use properly.

Yogyakarta, Februari 28<sup>th</sup> 2019

Dr. rer.nat. Senam  
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