



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

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STAFF HANDBOOK

A. Personal Identity

1.	Full Name	Prof. Dr. Sri Atun
2.	Functional Position	Guru Besar
3.	NIP	19651012 199001 2 001
4.	Place and Date of Birth	Kulon Progo, 12 Oktober 1965
5.	Phone	-
6.	Office Address	Jurusan Pendidikan Kimia, FMIPA, Universitas Negeri Yogyakarta Karangmalang, Depok, Sleman, Yogyakarta, 55281
7.	Telephone/Fax	(0274)586168 Psw 217; 310/ Fax : (0274) 540713
8.	E-mail	Atun_1210@yahoo.com
9.	Specific Expertise	Kimia organik
10.	Subjects taught	1. Kimia Organik 2. Kimia Bahan alam 3. Kimia Analisis Organik 4. Kimia Organik Polimer 5. Praktikum Kimia Organik

B. Educational Background

Program	S1	S2	S3
1. Institution Name	IKIP Yogyakarta	ITB	ITB
2. Field	Pendidikan Kimia	Kimia	Kimia Bahan Alam
3. Year of Entry	1984	1992	2000
4. Graduation Year	1989	1994	2004
5. Title of Undergraduate Thesis/ Master Thesis/ and Dissertation	Pengaruh kegiatan laboratorium terintegrasi dan tidak terintegrasi dalam PBM siswa di Daerah Istimewa Yogyakarta	Isolasi dan Karakterisasi Karagenan dari alga merah (Rhodophyceae)	Fitokimia beberapa spesies Dipterocarpaceae Indonesia dari genus <i>Vatica</i> , <i>Hopea</i> , <i>Anisoptera</i> , dan <i>Dip-terocarpus</i> .
6. Promotor	Prof. Dr. Sukardjo/ Drs. M. Sjamsuddin Sudrajad, M.Pd	Prof. Dr. Oei Ban Liang/ Dr. Sadijah Achmad	Prof. Dr. Sjamsul Arifin Achmad/ Prof. Dr. Euis Holisotan Hakim/ Dr. Yana Maolana Syah

C. Training Experience

No	Training Field	Organizer	Year	Certificate

D. Research Experience

No	Year	Research Title	Funding	
			Source	Amount (Million Rp)
1	2013-2014	<i>Moleculer target therapy</i> dari beberapa senyawa flavanon hasil isolasi kunci pepet (<i>Kaempferia rotunda</i>) melalui kajian secara in vitro dan in vivo metode xenograf pada kasus kanker payudara (Ketua)	Penelitian Fundamenta	90
2	2013-2014	Standarisasi bahan baku dan produk temulawak serta peningkatan kualitas melalui teknologi budidaya berbasis masyarakat (Anggota)	Penelitian Unggulan PT	100
3	2014	<i>Moleculer target therapy</i> dari beberapa senyawa flavanon hasil isolasi kunci pepet (<i>Kaempferia rotunda</i>) melalui kajian secara in vitro dan in vivo metode xenograf pada kasus kanker payudara (Ketua)	Hibah Fundamental	40
4	2014	Standarisasi bahan baku dan produk temulawak serta peningkatan kualitas melalui teknologi budidaya berbasis masyarakat (Anggota)	Hibah Unggulan PT	50
5	2015	Pengembangan produk jamu berbasis temulawak sebagai antihiperkolestero melalui uji farmakologi secara invivo dan uji klinis terbatas (anggota peneliti)	Unggulan PT	75
6	2015-2016	Pengembangan produk nanopartikel fraksi aktif rimpang tumbuhan kunci pepet (<i>Kaempferia rotunda</i>) serta uji aktivitasnya terhadap sel kanker payudara T47D (ketua peneliti)	Fundamental DIKTI	110
7	2016-2017	Optimalisasi fungsi dan pengembangan produk nanopartikel senyawa bioaktif dari tumbuhan temu kunci (<i>B. Rotunda</i>) sebagai antibakteri serta aplikasinya sebagai bahan dental care	PU PT	350
8	2018	Eksplorasi fitokimia dan pengembangan potensi tumbuhan benalu (<i>Loranthus sp</i>) sebgai antibakteri, antioksidan, dan antikanker	Hibah Kompetensi	300 (proposal)

E. Community Service Experience

No	Year	Community Service Title	Funding	
			Source	Amount (Million Rp)
1	2014	Pelatihan teknologi pembuatan susu kedelai aneka rasa	DIPA UNY	2
2	2014	Pelatihan teknologi pembuatan kecap dari tempe busuk	DIPA UNY	5
3	2015	Pelatihan pembuatan minuman instan berbasis buah dan sayuran	dana DIK, FMIPA, UNY	2
4	2016	Diversifikasi produk olahan salak di daerah Tempel, Sleman, Yogyakarta	dana DIK, FMIPA, UNY	4
5	2017	Teknologi Pembuatan Mie sayuran	Dana DIPA Fakultas	5
6	2017	Teknologi pembuatan sabun herbal	DIPA LPPM	10

F. International Seminar/Workshop/Convention Experience

No	International Seminar/Workshop	Year	Position (Participant, Presenter, Keynote Speaker)
1	ICERIE, FMIPA, UNY	FMIPA, UNY, Mei 2014	Presenter
2	Simposium Kimia Bahan Alam,	UPI Bandung, 21-22 Oktober 2014	Presenter
3	Workshop Balai Konservasi Borobudur	Magelang, 11-15 Agustus 2014	Presenter
4	Seminar Internasional ICRIEM FMIPA UNY	Yogyakarta, 16 Mei 2015	Presenter
5	Conference Agriculyural Biological Science	Shanghai 22-25 Juli 2016	Presenter
6	Seminar internasional ICIRIEM,	FMIPA UNY, 16-17 Mei 2016	Presenter
7	ISTEC (International Science Teknologi and Education Conference)	Viena 13-16 Juli 2016	Presenter
8	Seminar internasional, ICERIE, FMIPA UNY	15-17 Mei 2017	Presenter
9	Seminar internasiona, ICERI LPPM UNY	7-9 Mei 2017	Presenter

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

No	Local and National Seminar/Workshop/ Convention	Year	Position (Participant, Presenter, Keynote Speaker)
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H. Publication on International Journal

No.	Year	Title	Volume/ Number	Journal Name and Edition
1	2015	Anticancer activity of bioactive compounds from <i>Kaempferia rotunda</i> Rhizome against human breast cancer	7, 2,262-269;	International Journal of Pharmacognosy and Phytochemical Research, ISSN : 0975-4873 (terindex scopus)
2	2015	Synthesis nanoparticles of chloroform fractions of <i>Kaempferia rotunda</i> rhizome loaded chitosan and biological activity as antioxidant	4, 2015	International Journal of Drug Delivery Technology ISSN: 0975-4415 (terindex scopus)
3	2016	Pharmacological Test of Herbal Products from Temulawak (<i>Curcuma Xanthorrhiza</i>) As Antihypercholesterol by <i>In Vivo</i>	2016; 8(5); 807-811	International Journal of Pharmacognosy and Phytochemical Research ISSN: 0975-4873(terindex scopus)
4	2016	Pharmacological Test of Herbal Products from Temulawak (<i>Curcuma Xanthorrhiza</i>) As Antihypercholesterol by <i>In Vivo</i>	8;5; 2016; 807-811	International Journal of Pharmacognosy and Phytochemical Research ISSN: 0975-4873 (terindex scopus SJR Q4
5	2016	Isolation of Sesquiterpenes Lactone from <i>Curcuma aeruginosa</i> Rhizome and the Cytotoxic Activity Against Human Cancer Cell Lines	8;7; 2016	International Journal of Pharmacognosy and Phytochemical Research 2016; 8(7); 1168-1172 ISSN: 0975-4873
6	2017	Characterization of nanoparticles produced by chloroform fraction of <i>Kaempferia rotunda</i> rhizome loaded with alginic acid and chitosan and its biological activity test	10; 5; 2017	Asian Journal of Pharmaceutical and Clinical Research, ISSN 2455-3891 (online); 0974-2441 (print) (Terindex scopus, SJR Q3)
7	2017	Synthesis of nanoparticles produced by ethanol extract of <i>B. rotunda</i> Rhizome loaded with chitosan and alginic acid and its biological activity test	9; 2; 2017	Pharmacognosy Journal, SJR Q3, H index : 8
8	2017	Synergistic combination of fluoro chalcone and doxorubicin on HeLa cervical cancer cells by inducing apoptosis	1823, 020112 (2017)	AIP Conference Proceedings; doi: 10.1063/1.4978185
9	2017	Identification and Antioxidant Activity Test of Bioactive Compound from Ethanol Extract of Temukunci (<i>Boesenbergia rotunda</i>)	(2017); doi: 10.1063/1.4995093	AIP Conference Proceedings
10	2017	The development of temulawak (<i>Curcuma xanthorrhiza</i>) herb production and pharmacological test as anti hypercholesterolemia	11(4):1-5 (2017)	International Journal of Green Pharmacy • Oct-Dec 2017 : 11 (4) 1-5 (SJR Q3)

11	2018	Potential Bioactive Compounds Isolated from <i>Boesenbergia rotunda</i> as Antioxidant and Antimicrobial Agents	10(1):73-78	Pharmacogn J. 2018; 10(1): 73-78 (SJR Q3)
12	2018	Effect of Science-Technology-Society Approach on Senior High School Students' Scientific Literacy and Social Skills	15 (2) : 31-38	Journal of TURKISH SCIENCE EDUCATION Volume 15, Issue 2, June 2018
13	2018	The Influence of Technological Pedagogical and Content Knowledge (TPACK) Approach on Science Literacy and Social Skills	15 (2):27-40	Journal of TURKISH SCIENCE EDUCATION Volume 15, Issue 3, 2018
14	2018	Analysis of students' science literacy concerning chemical equilibrium		AIP Conference Proceedings 2021, 080006 (2018); doi: 10.1063/1.5062825
15	2018	Study of Potential Phenolic Compounds from Stems of <i>Dendrophthoe falcata</i> (Loranthaceae) Plant as Antioxidant and Antimicrobial Agents	Vol. 34, No. (5): Pg. 2342-2349	ORIENTAL JOURNAL OF CHEMISTRY
16	2018	Science Technology Society (STS) learning approach: an effort to improve students' learning outcomes	-	Journal of Physics: Conference Series IOP Conf. Series: Journal of Physics: Conf. Series 1097 (2018) 012062 doi :10.1088/1742-6596/1097/1/012062
17	2018	The profile of students' views of nature of science (NOS) in Junior High School of Yogyakarta city	-	AIP Conference Proceedings 2014, 020092 (2018); doi: 10.1063/1.5054496

I. Publication on National Journal

No	Title	Year	Journal Name and Edition

J. Book Writing Experience

No	Year	Title	Number of pages	Publisher
1	2012	Fitokimia tumbuhan meranti (Dipterocarpaceae)	160	UNY Press ISBN :978-979-8418-71-6
2	2016	Elusidasi struktur senyawa organik	170	UNY Press; ISBN: 602-7981-90-3
3	2017	Fitokimia Tumbuhan Temu kunci: Isolasi, identifikasi struktur, aktivitas biologi, dan sintesis produk nanopartikelnya	70	K-Media, ISBN: 978-602-451-083-1

K. Structural Position Experience

No	Position	Year	Description

L. Professional Experience

No	Position	Year	Description

M. Professional Organization Membership

No	Professional Organizational Name	Year	Position
1.	Himpunan Kimia Indonesia		Member

Thus this biodata made in truth to use properly.

Yogyakarta, Februari 28th 2019



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