

Staff Handbook



1	Name	Prof. Dr. Tukiran, M.Si.
2	NIP	196612281992031002
3	NIDN	0028126604
4	Date and place of birth	Magetan/December 28, 1966
5	E-mail	tukiran@unesa.ac.id
6	Mobile phone	085607012664
10	Office Address	Jl. Ketintang Surabaya (60231)
11	Phone/Fax	031-8280009

A. Academic Career

Academic Career	S-1	S-2	S-3
	Chemistry Education, Universitas Negeri Surabaya (1986-1991)	Chemistry, ITB Bandung (1995-1997)	Chemistry, ITB Bandung (2000-2004)

B. Researchs (last 5 years)

Year	Title
2015	Pengembangan Bahan Ajar Mata Kuliah Kimia Bahan Alam Berbasis <i>Field Study</i> Dan Pendekatan <i>Chemo-Entrepreneurship</i> Untuk Meningkatkan Hasil Belajar Dan <i>Life Skill</i> Mahasiswa (as Leader)
2016	Ilmu Kimia dan Hubungan Struktur-Bioaktivitas Antioksidan Senyawa-senyawa pada Tumbuhan Gowok (<i>Syzygium polycephalum</i>) (Myrtaceae) (as Leader)
2017	Ilmu Kimia dan Hubungan Struktur-Bioaktivitas Antioksidan Senyawa-senyawa pada Tumbuhan Gowok (<i>Syzygium polycephalum</i>) (Myrtaceae) (as Leader)
2018	Pengembangan Perangkat Pembelajaran Mata Kuliah Kajian Sains Kimia III Menggunakan Model Pembelajaran Kooperatif Pada Materi Stereokimia (as Leader)
2019	Mempelajari Ilmu Kimia dan Bioaktivitas Antibakteri Senyawa Hasil Isolasi dari Ekstrak Diklorometana Tumbuhan Jambu Semarang (<i>Syzygium samarangense</i>) (Myrtaceae) (as Leader)
2019	Aktivitas Mukolitik in Vivo Tumbuhan Paku Perak (<i>Pityrogramma calomelanos</i>) (as Member)

C. Community Services (last 5 years)

Year	Title
2015	IbM Guru-guru SMPN di Kabupaten/Kota Gresik (as Leader)
2016	Penyusunan Karya Tulis Ilmiah bagi Guru SMAN di Kabupaten/Kota Gresik (as Leader)
2017	Pelatihan Teknik Penulisan Karya Ilmiah dengan Menggunakan Zotero (as Member)
2018	Pelatihan Pembuatan Minuman Kesehatan Berbasis Herbal Untuk Warga Desa Kandangan, Kecamatan Kandangan, Kabupaten Kediri (as Leader)
2019	Pembuatan Minuman Kesehatan Berbasis Herbal Untuk Warga Desa Kabupaten Sumenep (as Leader)
2019	Diseminasi Pembuatan Minuman Herbal Instan Menggunakan <i>Squeezer Machine</i> dan <i>Crystallization Machine</i> Di Perumahan Graha Permata, Driyorejo, Gresik (sebagai Member)
2020	PKM Produk Hand Sanitizer Non-Alkoholik Berbahan TOGA untuk Mencegah Penularan Covid-19 pada Santri Pondok Pesantren BMNK Pasuruan (sebagai Member)

D. Books/Article Journals (last 5 years)

Year	Title	Publisher
2016	A Phenolic Acid and Its antioxidant Activity from Stem Barks of Chloroform Fraction of <i>Syzygium litorale</i> (Myrtaceae)	<i>Molekul</i> , 11(2), November 2016 , pp. 180-189 (<i>first author</i>)
2017	Developing Teaching Materials of Natural Product Chemistry Lesson to Increase Student's Life Skills	<i>Journal of Turkish Science Education</i> , 14(2), June 2017 , pp. 27 – 41 (<i>first author</i>)
2018	An Ellagic Acid Derivative and Its Antioxidant Activity of Stem Bark Extracts of <i>Syzygium polycephalum</i> Miq. (Myrtaceae)	<i>Indonesian Journal of Chemistry</i> , 18(1), 2018 , pp. 26 – 34 (<i>first author</i>)
2018	Two Phenolic Compounds from Chloroform Fraction of <i>Syzygium polycephalum</i> Miq. Stem Bark (Myrtaceae)	<i>Molekul</i> , U13(1), Mei 2018 , pp. 23 – 29 (<i>first author</i>)
2018	<i>Thunbergia erecta</i> L. Flower As An Alternative Acidbase Natural Indicators	<i>Rasayan Journal of Chemistry</i> , 11(2), April – June, 2018 , pp. 773 – 779 (<i>First author</i>)
2018	Development Of Teaching Materials For Magister Study Program of Science Education Postgraduate In Indonesia	<i>Journal of Science Education</i> , 19(2), Januari 2018 , pp. 1-13 (<i>First author</i>)
2018	Development of a Graphic Organizer-Based Argumentation Learning (GOAL) Model for Improving the Self-Efficacy and Ability to Argue of Chemistry Teacher Candidates"	<i>World Transactions on Engineering and Technology Education</i> , 16(2), 2018 , pp. 179-185 (<i>Co-authors</i>)
2019	Chemical Components and Antioxidant Activities of Methanol Extract of <i>Syzygium polycephalum</i> Miq. Stem Bark (Myrtaceae)	<i>Indian Journal of Natural Products and Resources</i> , 10(2), June 2019 , pp 127-136 (<i>first author</i>)
2020	Chemical Profile By LC-MS from The Selected Fraction of Methanolic Extract of <i>Syzygium malaccense</i> Stem Bark	<i>Rasayan Journal of Chemistry</i> , 2020 (under review) (<i>first author</i>)
2020	Identification of The Chemical Contituents of The	<i>Indonesian Journal of Chemistry</i> ,

Year	Title	Publisher
	Selected Fraction of The Dichloromethane Extract of <i>Syzygium samarangense</i> Stem Bark Using LC-ESI-MS and Evaluation Its Potential as Antifungal Agent	2020 (under review) (first author)
2015	Kimia Bahan Alam: Berbasis Field Study dan Pendekatan Chemo-Entrepreneurship	Penerbit: Unesa University Press (ISBN: 978-979-028-772-3)
2018	Stereokimia	Penerbit: Unesa University Press (ISBN: 978-62-449-257-1)
2018	Sintesis Kimia Organik	Penerbit: Unesa University Press (ISBN: 978-602-449-214-4)
2018	Kimia Organik Lanjut: Mekanisme Reaksi	Penerbit: Unesa University Press (ISBN: 978-602-449-204-5)

E. Conferences (*Oral Presentation*) dalam 5 Tahun Terakhir (2015 – 2019)

Year	Title	Date, Name and Organizer
2015	Uji Awal Fitokimia Ekstrak Kulit Buah Manggis (<i>Garcinia Mangostana</i> L.)	3-4 Oktober 2015, Seminar Nasional Kimia, Jurusan Kimia, FMIPA, Unesa Surabaya
2015	Skринing Awal Fitokimia Ekstrak Metanol dari Tumbuhan Gowok (<i>Syzygium polycephalum</i>) (Myrtaceae)	3-4 Oktober 2015, Seminar Nasional Kimia, Jurusan Kimia, FMIPA, Unesa Surabaya
2015	Pengembangan Perangkat Pembelajaran Mata Kuliah Kimia Bahan Alam Berbasis <i>Field Study</i> dan Pendekatan <i>Chemo-Entrepreneurship</i> Untuk Meningkatkan Hasil Belajar Mahasiswa	31 Oktober 2015, di Seminar Nasional Hasil Penelitian dan Pengabdian Masyarakat Tahun 2015, Best Western Papilio Hotel, Jl. A. Yani, 176-178, Surabaya
2015	Pendampingan Penyusunan Karya Tulis Ilmiah Bagi Guru-Guru SMPN 1 Gresik Dan SMPN 2 Menganti	31 Oktober 2015, di Seminar Nasional Hasil Penelitian dan Pengabdian Masyarakat 2015, Best Western Papilio Hotel, Jl. A. Yani, 176-178, Surabaya
2016	Two Phenolic Compounds From Chloroform Extracts Of <i>Syzygium Polycephalum</i> Miq. Stem Bark (Myrtaceae)	October 12-13th, 2016, The 1st International Joint Conference on Science and Technology (IJCST) Tahun 2016 in Bali.
2017	Asam galat dari Beberapa Tumbuhan <i>Syzygium</i> (Myrtaceae)	7 Oktober 2017, Seminar Nasional Kimia, Jurusan Kimia, FMIPA, Unesa Surabaya
2017	Ilmu Kimia Senyawa-Senyawa pada Tumbuhan Gowok (<i>Syzygium polycephalum</i> Miq.) (Myrtaceae)	7 Oktober 2017, Seminar Nasional Kimia, Jurusan Kimia, FMIPA, Unesa Surabaya
2017	Bioaktivitas Antioksidan Ekstrak dan Isolat dari Tumbuhan Gowok (<i>Syzygium polycephalum</i>) (Myrtaceae)	4 Nopember 2017, di Seminar Nasional Hasil Penelitian dan Pengabdian Kepada Masyarakat 2017, Garden Palace Hotel, Jl. Kaliasin, Surabaya
2018	Antioxidant Activity of Palmitic Acid and Pinostrobin From Methanol Extract of <i>Syzygium litoralle</i> (Myrtaceae) (Atlantis Highlights in Engineering (AHE), volume 1)	18-19 October 2018, International Conference on Science and Technology (ICST 2018) in Bali Nusa Dua Convention Center
2018	The Development of Learning Material Using	July 21, 2018, Mathematics,

Year	Title	Date, Name and Organizer
	Learning Cycle 7E with Socio-scientific Issues Context in Rate of Reaction to Improve Student's Argumentation Skills in Senior High School (<i>Advances in Intelligent Systems Research (AISR), volume 157</i>)	Informatics, Science, and Education International Conference (MISEIC 2018) in Surabaya
2018	Isolation and Cytotoxicity Test of Dichloromethane Extract of <i>Syzygium malaccense</i> (<i>Advances in Engineering Research, volume 171</i>)	6 Oktober 2018 Seminar Nasional Kimia, Jurusan Kimia, FMIPA, Unesa Surabaya
2018	Cytotoxicity Test of Isolated Compound from <i>Syzygium malaccense</i> Stem Bark on Fibroblast BHK 21 Cells (<i>Advances in Engineering Research, volume 171</i>)	6 Oktober 2018 Seminar Nasional Kimia, Jurusan Kimia, FMIPA, Unesa Surabaya
2019	Mucolytic Activity of Flavonol Isolated from The Silver Fern (<i>Pityrogramma calomelanos</i>) (<i>Atlantis Highlights in Chemistry and Pharmaceutical Sciences, volume 1</i>)	5 Oktober 2019, Seminar Nasional Kimia, Jurusan Kimia, FMIPA, Unesa Surabaya
2019	Effectiveness Of Learning Media Using Argument Driven Inquiry (ADI) Learning Model To Increase Students' Learning Outcomes And Self Efficacy (<i>Atlantis Highlights in Chemistry and Pharmaceutical Sciences, volume 1</i>)	5 Oktober 2019, Seminar Nasional Kimia, Jurusan Kimia, FMIPA, Unesa Surabaya
2019	The Validity of Teaching Materials Oriented to Argument-Driven-Inquiry Model to Train Students' Science Literacy (<i>Atlantis Highlights in Chemistry and Pharmaceutical Sciences, volume 1</i>)	5 Oktober 2019, Seminar Nasional Kimia, Jurusan Kimia, FMIPA, Unesa Surabaya
2019	Rancang Bangun <i>Squeezer Machine</i> dan <i>Crystallization Machine</i> dalam Pembuatan Minuman Herbal (<i>Prosiding Seminar Nasional Kimia 2019</i>)	5 Oktober 2019, Seminar Nasional Kimia, Jurusan Kimia, FMIPA, Unesa Surabaya
2019	Uji Aktivitas Mukolitik Ekstrak Metanol Tumbuhan Paku Perak (<i>Pityrogramma calomelanos</i>) (<i>Prosiding Seminar Nasional Kimia 2019</i>)	5 Oktober 2019, Seminar Nasional Kimia, Jurusan Kimia, FMIPA, Unesa Surabaya
2019	Development of student worksheet for improving the self-efficacy and ability to argue of chemistry teacher candidates (<i>Advances in Computer Science Research, volume 95</i>)	28 September 2019, Mathematics, Informatics, Science, and Education International Conference (MISEIC 2019), Wyndham Hotel Surabaya Jalan Basuki Rahmat No.67 – 73, Genteng, Surabaya
2019	The Effectiveness of Predict-Observe-Explain Strategy to Reduce Misconception in Thermochemistry (<i>Advances in Computer Science Research, volume 95</i>)	28 September 2019, Mathematics, Informatics, Science, and Education International Conference (MISEIC 2019), Wyndham Hotel Surabaya Jalan Basuki Rahmat No.67 – 73, Genteng, Surabaya

F. Intellectual Property Right (IPR) (last 5 years)

Year	Title	Nomor P/ID/Organization
2016	Proses Pembuatan Jamu Keji Beling Instan (Patent)	P00201604804/DJKI
2016	Proses Pembuatan Minuman Herbal Secang Instan (Patent)	P00201604805/DJKI
2020	Kajian Sains Kimia 3 (Stereokimia) (Ciptaan: Book)	EC00202013686/DJKI (27 April 2020) No. Pencatatan: 000186065/DJKI
2020	Sintesis Kimia Organik (Ciptaan: Book)	EC00202013685 (27 April 2020) No. Pencatatan: 000186064/DJKI
2020	Kimia Organik Lanjut: Mekanisme Reaksi (Ciptaan: Book)	EC00202013684 (27 April 2020) No. Pencatatan: 000186063/DJKI

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Prof. Dr. Tukiran, M.Si.
NIP. 196612281992031002