



Prof. Dr. Tukiran, M.Si.

Position	Organic Chemistry Lecturer			
	Professor in Organic Chemistry			
Academic Career	Degree	University		Year
	Bachelor Degree (Chemistry Education)	IKIP- Surabaya		1986-1991
	Master Degree (Chemistry)	ITB Bandung		1995-1997
	Doctoral Degree (Chemistry)	ITB Bandung		2000-2004
Employment	Position	Employer		Period
	Professor	Universitas Negeri Surabaya – Indonesia		
Research and Development Projects Over The Last 5 Years	Title	Year	Partner/Funder	Amount of Financing
	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)	2015	-	-
	Ilmu Kimia dan Hubungan	2016		

	Struktur-Bioaktivitas Antioksidan Senyawa-senyawa pada Tumbuhan Gowok (<i>Syzygium polycephalum</i>) (Myrtaceae) (as Leader)			
	Ilmu Kimia dan Hubungan Struktur-Bioaktivitas Antioksidan Senyawa-senyawa pada Tumbuhan Gowok (<i>Syzygium polycephalum</i>) (Myrtaceae) (as Leader)	2017		
	Pengembangan Perangkat Pembelajaran Mata Kuliah Kajian Sains Kimia III Menggunakan Model Pembelajaran Kooperatif Pada Materi Stereokimia (as Leader)	2018		
	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)	2019		
Community Service Over The Last 5	Title	Year	Partner/Funder	Amount of Financing (million)
	IbM Guru-guru SMPN di	2015		

Years	Kabupaten/Kota Gresik (as Leader)			
	Penyusunan Karya Tulis Ilmiah bagi Guru SMAN di Kabupaten/Kota Gresik (as Leader)	2016		
	Pelatihan Teknik Penulisan Karya Ilmiah dengan Menggunakan Zotero (as Member)	2017		
	Pelatihan Pembuatan Minuman Kesehatan Berbasis Herbal Untuk Warga Desa Kandangan, Kecamatan Kandangan, Kabupaten Kediri (as Leader)	2018		
	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)	2019		
Industry Collaborations Over The Last 5 Years				
Patents and Proprietary Rights	Title	Patent ID	Year	
	Proses Pembuatan Jamu Keji	P00201604804/DJKI	2016	

	Beling Instan (Patent)		
	Proses Pembuatan Minuman Herbal Secang Instan (Patent)	P00201604805/DJKI	2016
	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	2020
Important Publication Over The Last 5 Years	<ol style="list-style-type: none"> 1. 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>) 2. 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>) 3. 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>) 4. 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>) 5. <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>) 6. 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>) 7. 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>) 8. Chemical Components and Antioxidant Activities of Methanol Extract of <i>Syzygium polycephalum</i> Miq. 		

	<p>Stem Bark (Myrtaceae). <i>Indian Journal of Natural Products and Resources</i>, 10(2), June 2019, pp 127-136 (<i>first author</i>)</p> <p>9. 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) (first author)</p> <p>10. Identification of The Chemical Contituents of The Selected Fraction of The Dichloromethane Extract of <i>Syzygium samarangense</i> Stem Bark Using LC-ESI-MS and Evaluation Its Potential as Antifungal Agent. <i>Indonesian Journal of Chemistry</i>, 2020 (under review) (first author)</p>		
Activities in Special Institution	Organization Role	Position	Period