

STAFF HANDBOOK



Name	Bertha Yonata, S.Pd., M.Pd.		
Position	Lecturer on Chemistry Education		
Academic Career	Degree	University	Year
	Bachelor Degree (Chemistry Education)	Universitas Negeri Surabaya	2000-2004
	Master Degree (Natural Science Education)	Universitas Negeri Surabaya	2005-2008
	Doctoral Degree (Natural Science Education)	Universitas Negeri Surabaya	On Process
Employment	Position	Employer	
	Senior Asistant	Universitas Negeri Surabaya - Indonesia	
Research and Development Project Over the Last 5 Years	Title	Funder	Year
	Pengembangan Sumber Belajar Digital Sebagai Sarana Memotivasi Perkuliahan Kimia Fisika Selama Masa Study From Home (SFH)	PNBP	2020
	Kemampuan Argumentasi Mahasiswa Kimia Dalam Menilai Fenomena Viral Dari Jejaring Sosial	PNBP	2020
	Profil Konsepsi Mahasiswa Jurusan Kimia Pada Materi Kimia		2019
	Efektivitas English Course dalam Meningkatkan Kemampuan Berbahasa Inggris Mahasiswa Kelas Unggulan Fakultas Matematika dan ilmu Pegatahuan Alam Unesa		2019
	Pengembangan Instrumen Pengukuran Kepuasan Pelanggan FMIPA Universitas Negeri Surabaya		2019
	Efektivitas Vi-Nesa Pada Mata Kuliah Media Kreatif Jurusan Kimia		2019
	Pengembangan Bahan Kuliah Terstruktur Pada Mata Kuliah Kimia Fisika 3 Untuk Memfasilitasi Keterampilan Proses Sains, Berargumentasi, Dan Pemecahan Masalah		2019
	Pengembangan Model Uji		2018

	Kompetensi Lulusan Kependidikan MIPA Berorientasi Kebutuhan Abad XXI Dan KKNi		
	Pengembangan Perangkat Pembelajaran Mata Kuliah Kimia Dasar Berwawasan Green Chemistry Dalam Rangka Mewujudkan Green Education		2018
	Pengembangan Perangkat Pembelajaran English For TEP Berbasis Vi-Learn Untuk Melatih Keterampilan Berkomunikasi Verbal Mahasiswa Jurusan Kimia		2018
	Pengembangan Model Uji Kompetensi Lulusan Kependidikan MIPA Berorientasi Kebutuhan Abad XXI Dan KKNi		2017
	Kegiatan Laboratorium Mata Kuliah Kimia Fisika IV Berbasis Inkuri untuk Melatih Keterampilan Berpikir Tingkat Tinggi Mahasiswa Jurusan Kimia		2017
	Pengembangan Perangkat Pembelajaran Mata Kuliah Kimia Dasar Berwawasan Green Chemistry Dalam Rangka Mewujudkan Green Education		2017
	Pengembangan Panduan Praktikum Kimia Fisika IV Berbasis Inkuiri Untuk Melatih Keterampilan Berpikir TingkatTinggi Mahasiswa		2016
	Analisis Karakter Sains Berwawasan Green Chemistry Terintegrasi Pada Mata Kuliah Kimia Dasar Dalam Rangka Mewujudkan Green Education		2016
Community Service Over The Last 5 Years	Title	Funder	Year
	Pelatihan Pembuatan LKPD Eksperimen Sederhana dalam Upaya Edukasi Guru Kimia di Kabupaten Sampang pada Pembelajaran Blended Learning	PNBP	2021
	Pelatihan Pembelajaran Inovatif untuk Guru Kimia SMA Di Kabupaten Blitar		2019
	Pelatihan Pembelajaran Inovatif untuk Guru Kimia SMA Di Kabupaten Banyuwangi		2018
	Pelatihan Pembelajaran Inovatif Mengacu Pada Pendekatan Keterampilan Proses Bagi Guru MGMP Kimia SMA Di Kabupaten Magetan		2017

	Pelatihan Pemanfaatan Multimedia Interaktif Dan Kit Kimia Untuk Meningkatkan Pembelajaran IPA Bagi Guru SLB Tunarungu		2016
Industry Collaborations Over the Last 5 Years	Title	Partner	Year
Patents and Property Right	Title	Patent ID	Year
	LKPD Berorientasi Guided Discovery untuk Melatihkan High Order Thinking Skills (HOTS) Peserta Didik pada Materi Termokimia	EC00202018379	2020
	Proses Pembuatan Indikator Kertas Kurkumin Sebagai Media Pembelajaran Kimia Materi Asam Basa	PID201905434	2019
Important Publications Over the Last 5 Years	<ol style="list-style-type: none"> Nasrudin, H., Yonata, B., Sabtiawan, W.B. (2021). The Claims Statements from Viral Videos for Instrument Development to Assess Argumentation Thinking Skills. <i>Journal of Physics: Conference Series 1899 (1)</i>, 012174. B Jatmiko, and Yonata, B. (2021). The Diagnosis of Misconception on The Concept of Acid-Base Theory in Prospective Teacher Students Used a Three-Tier Test. <i>Journal of Physics: Conference Series 1899 (1)</i>, 012061. Yonata, B., and Novita, D. (2021). The Effectiveness of Blended Learning in Chemistry Creative Media Course. <i>Journal of Physics: Conference Series 1747 (1)</i>, 012037. Sabtiawan, W.B., Suidiby, E., Yonata, B., Putri, N.P, Trimulyono, G., and Savitri, D. (2020). Online Teaching in Mathematics and Natural Sciences Faculty, Universitas Negeri Surabaya in Early Pandemic Of Covid-19: Preparation, Implementation, And Assessment. <i>Jurnal Penelitian Pendidikan IPA 5 (1)</i>, 15-18. Yonata, B., Novita, D., and Mitarlis. (2020). First Year Conception of Students in the Concept of Atom and Periodic System Elements. <i>MSCEIS 2019 DOI 10.4108/eai.12-10-2019.2296339</i>. Windiyana, P.E.L., Rizkia, P.H., Yonata, B., Dhita A.P.S., Mukhayyarotin N.R.J., Ahmad, B., and Hidayah, R. (2020). Exploring The Correlation Between Mathematics Student Teachers' Proficiency and Their Self-Efficacy in Teaching at International School. <i>International Conference on Research and Academic Community Services</i> Nasrudin, H., and Yonata, B. (2020). Consistency and Relevance of Structured Lecture Materials in Physical Chemistry 3 Subjects. <i>Advances in Social Science, Education and Humanities Research, volume 390 pp 188-194</i>. Yonata, B. (2019). Chemical Materials Mastery of High School Students in East Java. <i>Mathematics, Informatics, Science, and Education International Conference 2019</i>. Suyono, S., Nasrudin, H., Yonata, B. (2019). Chemical Education Student Science Process Skills, in Specific and in General Content. 		

- National Seminar on Chemistry 2019 (SNK-19), 116-119.*
10. Mitarlis, Azizah, U., and **Yonata, B.** (2019). Utilization Of Colored Flowers as An Alternative Learning Media of Acid Base Indicator On Basic Chemistry Course With Green Chemistry Insight. *National Seminar on Chemistry 2019 (SNK-19), 178-182.*
 11. **Yonata B.**, Sianita, M.M., and Novita, D. (2019). English For Tep Learning Media Based Vi-Learn To Train Verbal Communication Skills Of Chemistry Student. *JCER (Journal of Chemistry Education Research) 2 (2), 70-75.*
 12. Nasrudin, H., and **Yonata, B.** (2019). Chemistry Education Students' Science Process Skills, in Specific and in General Content. *Hypothesis 3 (13), 15.*
 13. Azizah, U., **Yonata, B.** (2019). Utilization Of Colored Flowers as An Alternative Learning Media of Acid Base Indicator On Basic Chemistry Course With Green Chemistry Insight. *Atlantis Highlights in Chemistry and Pharmaceutical Sciences, volume 1, 2019.*
 14. Novitasari, I., and **Yonata, B.** (2019). Student Worksheet Development to Practice Critical Thinking Skill Using Blended Learning on Reaction Rate. *International Journal of Chemistry Education Research 3 (5).*
 15. **Yonata, B.**, Sulaiman, R., Sudibyoy, E., and Prastiwi, M.S. (2018). Profile of The Academic Competency of Chemistry Education Students. *International Conference on Science and Technology 1, 188-191.*
 16. Azizah, U., and **Yonata, B.** (2018). Penentuan Trayek pH Pada Indikator Alami Bunga Kembang Sepatu (*Hibiscus Rosa Sinensis*) Sebagai Media Pembelajaran Kimia Berwawasan Green Chemistry. *Prosiding Semnas PPM 2018 1 (1), 448-454.*
 17. Mitarlis, M., Azizah, U., and **Yonata, B.** (2018). Alternative Lesson Design of Basic Chemistry Learning to Integrate Green Chemistry Principles as View of Scientific Character Values. *Seminar Nasional Kimia-National Seminar on Chemistry (SNK 2018), 159-163.*
 18. Listyaningrum, P.S. and **Yonata, B.** (2018). Development of Student Activity Sheet Scientific Literacy Oriented in Acid-Base Matter. *Seminar Nasional Kimia-National Seminar on Chemistry (SNK 2018), 167-171.*
 19. Wasis, W., Sulaiman, R., Sudibyoy, E., **Yonata, B.**, and Prastiwi, M.S. (2018). Undergraduate Mathematics And Sciences Education Competency Profile Based On Indonesia National Qualification Framework (KKNI), 21st Century Demand, and Its Competency Assessment Model. *Mathematics, Informatics, Science, and Education International Conference 2018.*
 20. Yonata, B., Tjahjani, S., and Novita, D. (2018). Student's Creativity and High Order Thingking Skills in Laboratory Activity of Surface Chemistry. *Journal of Advances in Intelligent Systems Research 157.*
 21. Azizah, U., Mitarlis, M., and **Yonata, B.** (2018). Designing of Basic Chemistry Course to Support Learning Curriculum with Green Chemistry Insight. *Mathematics, Informatics, Science, and Education International Conference 2018.*
 22. Wasis, W., Sulaiman, R., Sudibyoy, E., **Yonata, B.**, and Prastiwi, M.S. (2018). The Assessment Model of Undergraduate Mathematics and Science Education Competency Based on Indonesian National Qualification Framework and 21st Century Demand. *Atlantis Press.*
 23. Susantini, E., Faizah, U., **Yonata, B.**, and Kurniasari, I. (2018). Using instructional video to improve awareness of scientific approach in

	<p>science classroom. <i>Asia-Pacific Forum on Science Learning and Teaching</i> 19 (1), 1.</p> <p>24. Nasrudin, H., Azizah, U., and Yonata, B. (2018). Integrasi Strategi Conceptual Change dalam Model Pembelajaran Inovatif untuk Meningkatkan Kompetensi Profesional Guru Kimia Kabupaten Blitar. <i>Jurnal ABDI: Media Pengabdian Kepada Masyarakat</i> 3 (2), 57-62.</p> <p>25. Mitarlis, M., Azizah, U., and Yonata, B. (2018). Learning Design to Integrate Scientific Character Values with Green Chemistry Insight in Basic Chemistry Course. 1st International Conference on Education Innovation (ICEI 2017). <i>Atlantis Press</i>.</p> <p>26. Yonata, B., and Nasrudin. H. (2018). Laboratory activity worksheet to train high order thinking skill of student on surface chemistry lecture. <i>Journal of Physics: Conference Series</i> 947 (1), 012027.</p> <p>27. Yonata, B., Hidayah, R. (2017). Implementation of Science Character Values with Green Chemistry Insight Integrated on Basic Chemistry Course by Using Project Based Learning. <i>Advanced Science Letters</i> 23 (12), 11943-11947.</p> <p>28. Poedjiastoeti, S., Yonata, B., and Wahyuningsih, A.S. (2017). Promoting Pre-Service Chemistry Teachers' Environmental Value Orientation and Creative Thinking Skill Through the Implementation of Green Chemistry Laboratory Learning. <i>Advanced Science Letters</i> 23 (12), 12029-12032.</p> <p>29. Azizah, U., Suyono, S., and Yonata, B. (2017). Peningkatan Kompetensi Guru Kimia Melalui Pelatihan Model-Model Pembelajaran Inovatif Di Banyuwangi. <i>Jurnal ABDI: Media Pengabdian Kepada Masyarakat</i> 2 (2), 91-95.</p>		
Activities in Specialist Bodies Over the Last 5 Years	Role	Position	Period