

STAFF HANDBOOK



Name	Dr. Drs. Raharjo, M.Si.			
Position	<i>Lecture of Basic Education, Learning Theory, Assessment and Assessment of Learning Outcomes.</i>			
Academic Career	Degree	University	Year	
	<i>Gradute program at Departemen of Biology Education (Degree Program)</i>	<i>State University of Surabaya (IKIP Surabaya) Indonesia</i>	<i>1984-1988</i>	
	<i>Postgraduate Program in Biology (Master program)</i>	<i>Gadjahmada University Yogyakarta Indonesia</i>	<i>1992-1996</i>	
	<i>Doctor program in Biological Education</i>	<i>State University of Malang Indonesia</i>	<i>2002-2007</i>	
Employment	Position	Employer	Periode	
	<i>Head Of Biology Departement</i>	<i>FMIPA UNESA</i>	<i>2012 - 2015</i>	
	<i>Head of substance in the Biology Education Lab, Center for Mathematical and Natural Science Studies</i>	<i>FMIPA UNESA</i>	<i>2020 -</i>	
Research and Development Project Over the Last 5 Years	Title	Funder	Year	Amount of Financing (million)
	<i>Pengembangan E-LKM berbasis PjBL untuk meningkatkan Kreativitas Mahasiswa Mengembangkan Perangkat Pembelajaran Berbasis Kurikulum Merdeka (Development of PjBL-based E-LKM to increase Student Creativity Developing Independent Curriculum-Based Learning Tools)</i>	<i>Penelitian Kompetitif Dasar FMIPA</i>	<i>2022</i>	<i>20</i>
	<i>In Silico Test of Holothuria Leucospilota Sea Cucumber Extract As Inflammatory Agent</i>	<i>Penelitian Kompetitif Dasar FMIPA</i>	<i>2019</i>	<i>10</i>
	<i>Development of IQF-based and English-language learning tools for ICT-based learning courses.</i>	<i>Penelitian Kompetitif Dasar FMIPA</i>	<i>2018</i>	<i>10</i>

	<i>(Head)</i>			
	<i>Exploration of the Potential of Active Compounds of Holothuroidea Sea Cucumber Ethanol Extract as Immuno-Stimulating Agents by Molecular Computation (Member)</i>	<i>Penelitian Kompetitif Dasar FMIPA</i>	<i>2017</i>	<i>10</i>
Community Service Over The Last 5 Years	Title	Funder	Year	Amount of Financing (million)
	<i>Compilation of 2013 Curriculum Assessment Instruments to Train Assessment Ability for LPA Teachers at SMP Magetan</i>	<i>Penelitian Kompetitif Dasar FMIPA</i>	<i>2017</i>	<i>7,5</i>
	<i>Training on Preparation of High Order Thinking Skill (HOTS) Questions in the Form of Multiple Choice and Description for MGMP High School Teachers in Kediri Regency</i>	<i>Penelitian Kompetitif Dana BOPTN FMIPA</i>	<i>2018</i>	<i>7,5</i>
	<i>Local Wisdom-Based LKPD Development Training to Train Critical and Creative Thinking Skills for Teachers of Nganjuk IPA MGMP Members</i>	<i>PNBP FMIPA Unesa</i>	<i>2019</i>	<i>7,5</i>
	<i>Fish and Vegetable Cultivation Training in Buckets (BUDIKESAMBER) to Increase Food Security for Unesa Faculty of Mathematics and Natural Sciences in the Covid 19 Pandemic Era</i>	<i>PNBP FMIPA Unesa</i>	<i>2020</i>	<i>7</i>
	<i>Improving the Ability to Prepare Minimum Competency Assessments for Teachers</i>	<i>PKM Kebijakan FMIPA</i>	<i>2021</i>	<i>10</i>
	<i>Virtual Lab-Based LKPD Preparation Training for Biology Teachers in Nganjuk Regency</i>	<i>PKM Kebijakan Pascasarjana</i>	<i>2021</i>	<i>15</i>
	<i>Module Development Training According to the Independent Curriculum for Biology Teachers in Mojokerto City</i>	<i>PKM Kebijakan Pascasarjana</i>	<i>2022</i>	<i>15</i>
	<i>Empowerment of Karang Taruna in Gisik Cemandi Village through training on Making Low Cholesterol Salted Eggs</i>	<i>PKM Kebijakan FMIPA</i>	<i>2022</i>	<i>10</i>
Industry Collaborations Over the Last 5 Years	Title	Partner		Year
Patents and Property Right	Title	Patent ID		Year
	<i>Fisiologi Hewan</i>			<i>12 April 2017,</i>

	(Raharjo, Nur Kuswanti, Erlix R Purnama)		berlaku 50 tahun sejak diumumkan.
	<i>Ekofisiologi Buku 1</i> (Raharjo, Yuliani, Sunu Kuncoro)		berlaku 50 tahun setelah pencipta meninggal
Important Publications Over the Last 5 Years	<i>Setiawan, M.G., Raharjo, Purnama, E.R. (2023). Pengembangan Perangkat Pembelajaran "PINTARYN" untuk Meningkatkan Hasil Belajar Kognitif Siswa Pada Konsep Sistem Pencernaan. BioEdu, Vol.12 (1), pp. 78-87.</i>		
	<i>Fitriani, H., Samsuri, T., Rachmadiarti, F., Raharjo, and Mantlana, C.D. (2022). Development of Evaluative-Process Learning Tools Integrated with Conceptual-Problem-Based Learning Models: Study of Its Validity and Effectiveness to Train Critical Thinking. International Journal of Essential Competencies in Education, Vol. 1(1), pp. 27-37.</i>		
	<i>Azninda, H, Raharjo, Sunarti, T. (2021). Teachers' Views about Nature of Science (NOS) Using Reconceptualised Family Resemblance Approach to Nature of Science (RFN) Questionnaire. MISEIC 2020, Vol 1747 (2021) 012019</i>		
	<i>Budijastuti, W., Duch, N., Hariani, D., and Raharjo. (2021) The Effect of Giving Worm Manure on The Growth of Catfish and Kale in Buckets. E3S Web Conf. Volume 328, 2021. International Conference on Science and Technology (ICST 2021)</i>		
	<i>Hunaepi, Firdaus, L., Samsuri, T., Susantini, E., and Raharjo. (2020). Efektifitas Perangkat Pembelajaran Inkuiri Terintegrasi Kearifan Lokal Terhadap Keterampilan Berpikir Kritis Mahasiswa. Scholaria: Jurnal Pendidikan dan Kebudayaan, Vol. 10 (3), pp. 269-281. https://ejournal.uksw.edu/scholaria/article/download/2751/1526</i>		
	<i>Hasanah, A.F., Raharjo, Rachmadiarti, F. (2019). The Effectiveness of SETS based-learning in Improving Students' Higher-Order Thinking Skills. Biota. Vol. 12 (1), 38-46.</i>		
	<i>Umar, B., Jatmiko, B., and Raharjo. (2018). Development Of Natural Science Learning Instruments With Contextual Approach Using Problem Solving Model To Improve Critical Thinking Skill Of Junior High School Students. JPPS (Jurnal Penelitian Pendidikan Sains), Vol. 7 (2), pp. 1501-1506. , 2018 .</i>		
	<i>Hartanti, I., Raharjo, and Purnomo, T. (2018). Pengembangan Perangkat Pembelajaran Penemuan Terbimbing Berbantuan Mikroskop Sederhana Untuk Melatihkan Keterampilan Proses Sains Dan Pemahaman Konsep Materi Sistem Organisasi. JPPS (Jurnal Penelitian Pendidikan Sains), Vol. 7 (1), pp.1397-1408.</i>		
	<i>Bharyyah, K., Tjandrakirana, and Raharjo. (2018). Development Of Student Activity Sheet With Connecting, Organizing, Reflecting, Extending Learning Model To Improve Student Learning Outcomes On Senior High School Students. JPPS (Jurnal Penelitian Pendidikan Sains) Vol. 8 (1), pp.1558-1563.</i>		
<i>Alinuha, M.F.B., and Raharjo. (2018). Keefektifan Media Pembelajaran Berbantuan Video Pada Materi Gerak Pada Makhluk Hidup Dan Benda Untuk Meningkatkan Hasil Belajar Siswa SMP. PENDIDIKAN SAINS, Vol. 6 (02).</i>			
Activities in Specialist Bodies	Organization	Role	Period
Over the Last 5 Years	Indonesian Biology Association	Member	2000 - Now