

## STAFF HANDBOOK



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<b>Position</b>	Lecturer at Science Education, Universitas Negeri Surabaya (UNESA)		
<b>Academic Career</b>	Bachelor Degree	Physics education, UNESA	Graduated 2004
	Master Degree	Science Education, UNESA	Graduated 2006
<b>Employment</b>	Lecturer	Universitas Negeri Surabaya	2008 - now
<b>Research and Development Project over the last 5 years</b>	<ol style="list-style-type: none"> <li>1. Learning model based on character education and entrepreneurship in Salingtemas lectures</li> <li>2. Learning Inquiry model by using powerpoint animation as an effort to improve students understanding of concept</li> <li>3. Unesa Optical Wave e-learning activity</li> <li>4. Development of student activity sheets to improve science literacy of prospective science teachers in IPBA course</li> <li>5. Tracers Study of the S1 Alumny Science Education Study Program</li> <li>6. Application of E-Learning on Electricity and Magnetism Courses to Improve Undergraduates' Critical Thinking Skills.</li> <li>7. Application of E-Learning on Electronics Courses to Improve Undergraduates' Critical Thinking Skills.</li> <li>8. Tracers Study of the S1 Alumny Science Education Study Program</li> <li>9. Development of E-Learning for Innovative Learning Course using Strategy of Literacy.</li> </ol>		<p>2015</p> <p>2015</p> <p>2015</p> <p>2016</p> <p>2017</p> <p>2018</p> <p>2018</p> <p>2019</p> <p>2019</p>
<b>Industry Collaborations over the last 5 years</b>	<ol style="list-style-type: none"> <li>1. Assistance for making worksheets for science teachers in Jombang regency</li> <li>2. Assistance in making use of game media for junior high school science teachers in Jombang</li> <li>3. lbM teachers of street and marginal children through training on making mathematics and natural science media game</li> </ol>		<p>2015</p> <p>2016</p> <p>2016</p>

	<ol style="list-style-type: none"> <li>4. Training on making RPP Curriculum 2013 for Banyuwangi science teachers</li> <li>5. Assistance with the making of an instrument for the description of junior high school science teacher in Kediri regency</li> <li>6. Assistance with the making of an instrument for the description of junior high school science teacher in Lamongan regency</li> </ol>	<p>2017</p> <p>2018</p> <p>2019</p>
<b>Patents and Property right</b>	<ol style="list-style-type: none"> <li>1. Media Pembelajaran dan Permainan Roda Berporos no P/Id. C00201704480</li> <li>2. Video Pembelajaran Pendekatan Sainifik Berbasis Contextual Teaching And Learning Topik Pengungkit Pada Sistem Gerak Manusia no P/Id. EC00201976599</li> </ol>	<p>2017</p> <p>2019</p>
<b>Important Publications over the last 5 years</b>	<ol style="list-style-type: none"> <li>1. Respon Mahasiswa Terhadap Pembelajaran Model Inkuiri Dengan Menggunakan Powerpoint Animasi</li> <li>2. Engaging Pre-Service Teachers to Teach Science Contextually with Science Approach Instructional Video</li> <li>3. E- Learning task analysis making temporal evolution graphics on symptoms of waves and the ability to solve problems</li> <li>4. Students view of environmental awareness and energy conservation activities in campus</li> <li>5. Pengembangan LKM Untuk Meningkatkan Literasi Sains Calon Guru IPA</li> <li>6. Analysing problem solving skills of secaondary school students by using a student worksheet</li> </ol>	<p>2017</p> <p>2018</p> <p>2018</p> <p>2018</p> <p>2018</p> <p>2018</p> <p>2019</p>
<b>Activities in specialist bodies over the last 5 years</b>	-	