

## STAFF HANDBOOK



<b>Name</b>	Dr. Mohammad Budiyanto, S.Pd., M.Pd.		
<b>Position</b>	Lecturer at Science Education, Universitas Negeri Surabaya (UNESA)		
<b>Academic Career</b>	Bachelor Degree	Physics education, UNESA	Graduated 2001
	Master Degree	Science Education, UNESA	Graduated 2003
	Doctoral Degree	Mathematics and Natural Science, Airlangga University	Graduated 2018
<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. Pembelajaran Basic Physics Learning Using E-Learning to improve Student Literacy</li> <li>2. Tracers Study of the S1 Alumny Science Education Study Program</li> <li>3. Detection of Cholesterol Concentration Using a Fiber Optic Sensor Bundle</li> </ol>		<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 with the making of an instrument for the description of junior high school science teacher in Kediri regency</li> <li>2. Assistance with the making of an instrument for the description of junior high school science teacher in Lamongan regency</li> </ol>		<p>2018</p> <p>2019</p>
<b>Patents and Property right</b>	-		
<b>Important Publications over the last 5 years</b>	<ol style="list-style-type: none"> <li>1. Cholesterol Detection Using Optical Fiber Sensor Based On Intensity Modulation</li> <li>2. Optical fiber displacement sensor using concave mirror for cholesterol detection</li> </ol>		<p>2016</p> <p>2017</p>

	3. Efficiency of Optical Sensors with Quasi Gaussian Beam for Determining Cholesterol Concentration	2018
	4. Development of Optical Fiber Sensor Performance as a Tool to Determine Cholesterol Concentration	2019
<b>Activities in specialist bodies over the last 5 years</b>	-	