

## STAFF HANDBOOKS



[\(SCOPUS\)](#) [\(SINTA\)](#)

<b>Name</b>	<i>Prof. Dr. Agus Setyo Budi, M.Sc</i>
<b>Position</b>	<i>Lectures in Physics Education and Professor in University Country Jakarta</i>
<b>Educational Backgrounds</b>	<ol style="list-style-type: none"> <li>1. <i>Bachelor's degrees from Physics Education, University Country Jakarta</i></li> <li>2. <i>Master's degrees from Physics, University Science Malaysia</i></li> <li>3. <i>Doctoral degrees from Materials Physics, University Technology Malaysia</i></li> </ol>
<b>Academic Career (Employment)</b>	<ol style="list-style-type: none"> <li>1. <i>Chairman LL dictation region III 2018-2021</i></li> <li>2. <i>chairman major Physics 2012-2016</i></li> </ol>
<b>Research and Development project over the last 5 years</b>	<ol style="list-style-type: none"> <li>1. <i>Development of an Inquiry Learning Model Assisted by PHET Dan Motivation Study To Knowledge Metacognitive Student Physics (2021)</i></li> <li>2. <i>Development of an Encyclopedia Based on Project Based Learning for Increase Scientific Literacy Student Education Physics (2020)</i></li> <li>3. <i>Zno Nanorods With Hydrothermal Growth: I-V Characteristics And Potency Gas Sensors Co (2019)</i></li> <li>4. <i>Engineering of ZnO Nanorods on Conductivity-Based Microcantilever As Gas Sensors CO and Co2 (2018)</i></li> </ol>
<b>Industry collaboration/ Community Services over the last 5 years</b>	<ol style="list-style-type: none"> <li>1. <i>PKM WBUF: Training Making eSWOP (Electronic Students Worksheet of Physics) for Physics Teachers in Ciracas District, Jakarta East (Offline with Protocol Health) For support Implementation Curriculum Independent (2022)</i></li> <li>2. <i>PPM Training Making Media Gangsing Smart Orbitals (GSO) Helpful Kahoot For Teacher Physics In PUBLIC HIGH SCHOOL 1 Delivery Regency.Bekasi (2021)</i></li> <li>3. <i>Study Coefficient Attenuation Through Test Laboratory Oscillation Harmonious For Learning Physics (2020)</i></li> </ol>

<b>Patents and Intellectual Property Right (IPR)</b>	<ol style="list-style-type: none"> <li>1. <i>E-Module Learning Cycle 5e On Material Sound Waves (2019)</i></li> <li>2. <i>Encyclopedia Business and Energy (2019)</i></li> <li>3. <i>Encyclopedia Law Newton Based Advance Organization (2019)</i></li> <li>4. <i>Encyclopedia Tool Based Optics Problem Based Learning (2019)</i></li> <li>5. <i>Book "Encyclopedia Wave Based Approach Scientific" (2017)</i></li> </ol>
<b>Important publications over the last 5 years</b>	<ol style="list-style-type: none"> <li>1. <i>Preliminary Study of Preparation and Fabrication of Coconut Shell Briquettes Adhesive Tapioca Flour (2022)</i></li> <li>2. <i>The effect of the Q factor on the air humidity in the microcantilever sensorocantilever sensors (2021)</i></li> <li>3. <i>Application of Online Science Practicum by Using Microsoft Teams and Learning Management System (LMS) During the Covid 19 Pandemic (2021)</i></li> <li>4. <i>Development of work and energy encyclopedia based on science technology society (2019)</i></li> <li>5. <i>A preview of 3D measurements velocity in Drop-Ball experiment by Levitation Mass Method (2017)</i></li> </ol>
<b>Activities in Professional organizational over the last 5 years</b>	<i>Set Physics Indonesia</i>