

STAFF HANDBOOK (CV)



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| Name | Asri Widowati | | |
| Position | Lecturer in Science Education UNY | | |
| Academic Career | S1 | Biology Education | 1998-2005 |
| | S2 | Science Education | 2005-2008 |
| | S3 | | |
| Employment | Lecturer | Universitas Negeri Yogyakarta | 2006-now |
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| Research and development project over the last 5 year | <ol style="list-style-type: none"> 1. Development of Biological Learning Devices Based on the Salingtemas Approach to Improve the Character of Awareness of the Environment for High School Students in Yogyakarta (2014) 2. Development of Natural Science Learning Materials with Authentic Inquiry Learning Approach to Improve Problem Solving and Scientific Attitudes (2015) 3. Science, Moral, and Spiritual Integration in Science Teaching Materials to Support Achievement of Social Skills and Spiritual Intelligence of Students (2015) 4. Development of the Integrated Science Module Based on the Science Environment Technology Society (SETS) to Grow Preparedness Disaster for Middle School Students (2016) 5. Development of Service Learning-Based Science Teaching Materials to instill Reflective Thinking (2016) 6. Development of Inquiry-Based Science Virtual Laboratory to Improve Middle School Students Thinking Skill (2016) 7. Science Literacy Development Model with Inquiry-Based Science Teaching Materials with NOS (Nature of Science) to Increase Nation's Competitiveness in Facing MEA (2017) | | |
| Industry collaborations over the last 5 year | IbM for SDIT Salsabila Teachers and SDIT Salman Alfarisi in Overcoming Problems in Development of Science Equipment Packages | 2014 | |
| | Optimization of 2013 Curriculum Implementation with Guided-Inquiry Workshop on Development of Science-Based LKS to Develop Students' Thinking Skills and Scientific Attitudes | 2014 | |

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| | Optimizing the Enchantment of Herbs by Diversifying Processed Products as an Effort for Independence and Household Food Security | 2014 |
| | Development of the National Science National Science Olympiad | 2015 |
| | National Chief of Laboratory Staff | 2013 sd 2015 |
| | Bimteks Head of FMIPA Laboratory | 2011 sd sekarang |
| | Community Service "Development of Problem Solving and Scientific Attitudes of Students by Utilizing Authentic Inquiry Learning IPA teaching materials" | 2016 |
| | Community Service "Optimizing the potential of nature as a Scientific problem orientation to realize meaningful science learning" | 2016 |
| | Provincial and National CBO Problem Preparation Team | 2017 |
| Patens and propriety right | HKI "Panduan Kegiatan Pembelajaran IPA SMP Materi "Sistem Ekskresi Pada Ginjal" Dengan Pendekatan Inkuiri Termodifikasi Bermuatan Nature Of Science" | 2018 |
| | HKI "Panduan Kegiatan Pembelajaran IPA SMP Materi "Pencemaran Air Dan Pencemaran Udara" Dengan Model Inquiry Laboratory Bermuatan Nature Of Science" | 2018 |
| | HKI "Panduan Kegiatan Pembelajaran IPA SMP Materi "Tekanan Pada Zat" Dengan Pendekatan Inkuiri Bermuatan Nature Of Science" | 2018 |
| Important publications over the last 5 year | <ol style="list-style-type: none"> 1. <i>Developing Science Learning Material with Authentic Inquiry Learning Approach to Improve Problem Solving and Scientific Attitude (Seminar Nasional Pendidikan IPA UNNES, 2017)</i> 2. <i>The Development of Scientific Literacy through Nature of Science (NOS) within Inquiry Based Learning Approach (International Conference ICSAS UNY, 2017)</i> 3. <i>Applying Innovative Approach "Nature Of Science (NoS) within inquiry" for developing scientific literacy in the student worksheet (ICMSE UNNES,2017)</i> 4. <i>Development of Inquiry Based Science Virtual Laboratory for Improving Student Thinking Skill of Junior High School (International Conference on Research, Implementation and Education of Mathematics and Sciences UNY, 2017)</i> 5. <i>Influence of Frequency Natural Grasshoppers Sound to Leaf Chlorophyll Content Teak (Tectona grandis and peanut (Arachis hypogaea) as Natural Science Learning Resources (International Conference on Research, Implementation and Education of Mathematics and Sciences UNY, 2014)</i> 6. <i>Effect of Globalization on Learning Science in the District SMPN Of Bantul (International Conference on Research, Implementation and Education</i> | |

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| | of Mathematics and Sciences UNY, 2014) | | |
| | 7. <i>New Pedagogies of Experiential Based Learning Form in Science Learning</i> (International Conference on Research, Implementation and Education of Mathematics and Sciences UNY , 2016) | | |
| Activities in specialist bodies over the last 5 year | UNY | Tim Jurnal Pendidikan IPA | 2017-now |
| | Perkumpulan Pendidik IPA Indonesia | Anggota | 2015-now |