

STAFF HANDBOOK



Name	Dr. Wahono Widodo, M.Si		
Position	Lecturer at Science Education, Universitas Negeri Surabaya (UNESA)		
Academic Career	Bachelor Degree	Physics education, IKIP Surabaya	Graduated 1992
	Master Degree	Physics, UGM	Graduated 1999
	Doctoral Degree	Science Education, UPI	Graduated 2011
Employment	Lecturer	Universitas Negeri Surabaya	1993 - now
Research and Development Project over the last 5 years	1. Implementation of Online Learning for Device-Based Interactive Media Development during the Covid 19 pandemic 2. Development of Online Lectures in the Condition of The Covid-19 Pandemic to Improve The Critical Thinking Ability of Unesa Postgraduate Students 3. Development of a Smartphone Integrated Physical Distancing Detector to Reduce the Spread of Covid-19 4. Strengthening Tolerance Attitudes towards Diversity in Science Teacher Candidates through Lectures in the Field of Study 5. Development of Interactive Multimedia for Android-Based Natural Science Learning to Improve Elementary School Students' Science Literacy Ability 6. Development of Local Wisdom-Based Elementary Natural Science Teaching Materials (members) 7. Development of Blended Learning Teaching Materials in Integrated Science Learning Courses for Prospective Science Teachers	2020 2020 2020 2019 2019 2019 2019	

	<p>8. Development of Interactive Multimedia for Device-Based Science Learning to Improve Students' Science Literacy Ability</p> <p>9. Strengthening Tolerance Attitudes towards Diversity in Science Teacher Candidates through Lectures in the Field of Study</p> <p>10. Development of Student Worksheets for Subjects Review the Curriculum in Featured Classes to Prepare Prospective Science Teachers</p> <p>11. Application of Natural Science Learning Discovery-Problem Posing to Improve Elementary School Student KPS</p> <p>12. Development of Student Worksheets Movement and Change Oriented Science Integration to Practice Problem Solving Skills for Prospective Science Teachers</p> <p>13. Cultivating Pancasila Values Through Lectures in the Field of Science for Prospective Teachers at Surabaya State University</p> <p>14. Implementation of Integrated Science Lectures at the Unesa Science Education Study Program</p> <p>15. Development of Curriculum Prototype Indonesian National Qualification Framework Oriented to Improve Professional and Pedagogical Competencies of Science Education Teacher Candidates</p> <p>16. Development of Learning Tools to Practice Problem Solving Skills</p> <p>17. Tracing Study of Graduates of S1 Science Education</p>	2019 2018 2018 2018 2018 2017 2017 2016 2016 2015
Industry Collaborations over the last 5 years	Preparation for PPL PPG Pre-Service 2020 Candidates and Teachers (Core Facilitator), GTK , Kemdikbud Indonesian Student Competency Assessment (AKSI) Technical Guidance, Directorate of PSMP Kemdikbud Technical Guidance on the Development of Assessment Instruments for Indonesian SATAP Teachers 2019, Directorate of PSMP Kemdikbud Development of "Special Region Teacher" Teaching Materials, 2019, Directorate of Teachers and Education Personnel (GTK), Kemdikbud Student Books and Science Teacher Books Class VII Curriculum 2013, Kemdikbud	2020 2019 2019 2019 2019 2019 2017
Patents and Property right	<i>Berpikir Tingkat Tinggi Problem Solving</i> ID : C00201604486 Kategori : hak cipta Tahun Permohonan :2016	2016

	<p>Patent Holder : Prof. Dr. Muchlas, Prof. Dr. Luthfiyah Nurlaela, M.Pd, Dr. Wahono Widodo, Inzanah</p> <p>Inventor :</p> <ul style="list-style-type: none"> • <u>WAHONO WIDODO</u> <p><i>Model Pembelajaran ALLR (Active Based Learning - Reflection) untuk Penguatan Sikap Toleransi dan Keadilan Sosial</i></p> <p>ID : EC00201939806</p> <p>Kategori : hak cipta Tahun Permohonan :2019</p> <p>Patent Holder : Lembaga Penelitian dan Pengabdian Kepada Masyarakat (LPPM) Universitas Negeri Surabaya (UNESA)</p> <p>Inventor :</p> <ul style="list-style-type: none"> • <u>WAHONO WIDODO</u> <p><i>SSI Tekanan Zat</i></p> <p>ID : EC00201941493</p> <p>Kategori : hak cipta Tahun Permohonan :2019</p> <p>Patent Holder : Lembaga Penelitian dan Pengabdian Kepada Masyarakat (LPPM) Universitas Negeri Surabaya (UNESA)</p> <p>Inventor :</p> <ul style="list-style-type: none"> • <u>WAHONO WIDODO</u> 	<p>2019</p> <p>2019</p>
<p>Important Publications over the last 5 years</p>	<p>The Effectiveness ff Gadget-Based Interactive Multimedia In Improving Generation Z's Scientific Literacy <i>Jurnal Pendidikan IPA Indonesia, Vol. 9 (2) (2020)</i></p> <p>Guided Discovery Problem-Posing: An Attempt to Improve Science Process Skills in Elementary School <i>International Journal of Instruction, July 2020 • Vol.13, No.3</i></p> <p>Development of Cartoon Concept Based Student Worksheet with Structured Inquiry Approach to Train Science Process Skills <i>International Journal of Educational Research Review, Vol. 4 (4)</i></p> <p>Education Program of Pre-Service Professional Teacher: What Do Students and Lecturers Feel About the Program?</p>	<p>2020</p> <p>2020</p> <p>2019</p> <p>2019</p>

	<p>https://doi.org/10.2991/icesshum-19.2019.58 <u>Advances in Social Science, Education and Humanities Research; 1st International Conference on Education Social Sciences and Humanities (ICESSHum 2019)</u> The effectiveness of congklak traditional game to improve students' learning motivation in human exression system materials DOI: http://dx.doi.org/10.26740/jppipa.v4n1.p8-13 JPPIPA Vol 4, No 1 (2019)</p> <p>Pengembangan lembar kerja mahasiswa (lkm) mata kuliah dasar-dasar ipa berbasis model allr (activity based-lesson learn-reflection) untuk meningkatkan keterampilan proses sains dan pendidikan karakter calon guru IPA DOI: http://dx.doi.org/10.26740/jppipa.v3n2.p58-66 JPPIPA Vol 3, No 2 (2018)</p> <p>Process Skill Assessment Instrument: Innovation to measure student's learning result holistically DOI: 10.1088/1742-6596/947/1/012026 <u>Journal of Physics Conference Series</u> 947(1):012026 · January 2018 with 474 Reads</p> <p>Analysis of expert validation on developing integrated science worksheet to improve problem solving skills of natural science prospective teachers doi :10.1088/1742-6596/1006/1/012026 Journal of Physics: Conf. Series 1006 (2018) 012026 Revealing Student s Multiple-Misconception on Electric Circuits doi :10.1088/1742-6596/1108/1/012088 Journal of Physics: Conf. Series 1108 (2018) 012088 Fostering students thinking skill and social attitude through STAD cooperative learning technique Journal of Physics: Conference Series vol: 1006 issue : 1 2018-04-25</p> <p>How Does E-Learning Help The Achievement of IQF? The Analysis of E-Learning Task of Creating Temporal Evolution Chart and The Ability to Solve the Problems in The Symptoms of Vibrations and Waves Unnes Science Education Journal</p>	2019 2019 2018 2018 2018 2018 2018 2017
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Activities in specialist bodies over the last 5 years	<p>Seminar PPII Jatim 2020</p> <p>Pengembangan Literasi Sains pada Pandemi Covid-19 Zoom, 2020</p> <p>STEACH 2018</p> <p>Socio-scientific issues in gadget: interactive multimedia to increase z-generation science literacy Surabaya, 2018</p> <p>ICST - IJCST</p> <p>Enhancing Problem Solving Skills of Pre-Service Teachers by Integrating 21st Century Interdisciplinary Theme Into Science Class Bali, 2018</p> <p>IJCST</p> <p>Revealing Students' Multiple-Misconception on Electric Circuits Bali, October 2017</p> <p>Konaspi VII</p> <p>Penanaman Nilai-nilai Pancasila dalam Perkuliahan Non-Pancasila (Perkuliahan Bidang IPA): Persepsi Dosen Jakarta, Oktober 2016</p>	2020 2018 2018 2017 2016