

Prof. Dr. Budi Jatmiko, M.Pd.

Position	***Lecturer of Innovative Learning***		
	Professor in Physics Department, Universitas Negeri Surabaya, Indonesia		
	Degree	***University***	***Year***
Academic career	Bachelor Program at Physics Education Study Program	IKIP Surabaya-Indonesia	1979 – 1985
	Master Program at Physics Education Study Program	IKIP Jakarta-Indonesia	1985 – 1990
	Doctor Program at Physics Study Program	Universitas Airlangga-Indonesia	1992 – 1997
	Government Employer at Ministry of Research, Technology and Higher Education as a Lecturer Institution (now Ministry of Education and Culture)	Universitas Negeri Surabaya-Indonesia	1985-now
Employment	***Position***	***Employer***	***Period***
	Lecturer on Physics Education Study Program	Universitas Negeri Surabaya - Indonesia	1985-now
	Lecturer on Postgraduate Study Program	Universitas Negeri Surabaya - Indonesia	1998-now
	Professor in Physics Department	Universitas Negeri Surabaya - Indonesia	209-Now
	Head of Puskom	Universitas Negeri Surabaya - Indonesia	1998-2003
	Senate of University	Universitas Negeri Surabaya - Indonesia	2003-now
	Dean of Faculty of Mathematics and Natural Sciences	Universitas Negeri Surabaya - Indonesia	2003-2006
	Vice Rector I	Universitas Negeri Surabaya - Indonesia	2006-2010
	Director of STIKOM Surabaya	STIKOM Surabaya - Indonesia	2011-2014
	Rector of Institut Bisnis dan Informatika Stikom Surabaya	Institut Bisnis dan Informatika Stikom Surabaya -Indonesia	2014-2019

	Rector of Universitas Dinamika	Universitas Dinamika - Indonesia	2019-Now
	Assessor of PAK	Kemendikbud, Indonesia	2017-now
Research and development projects over the last 5 years	**2019**: Pengembangan Model Blended Web Mobile Learning (BWML) Untuk Meningkatkan Hasil Belajar Berbasis HOTs Siswa SMA - LPDP Research Project- IDR 189,000,000 (chairman of research) **2019:** Pengembangan Model Collaborative Problem Solving untuk Meningkatkan Keterampilan Pemecahan Masalah dan Kolaborsi Mahasiswa - IDR 40,000,000 (chairman of research) **2018:** Keefektifan Model Creative Responsibility Based Learning (CRBL) dan Model Pembelajaran C3PDR Untuk Meningkatkan Kreativitas Ilmiah Mahasiswa Pendidikan Sains - IDR 50,000,000 (chairman of research) **2017:** Keefektifan Model Pembelajaran "Orientasi IPA" dan Model Problem Based Learning (PBL) Untuk Melatihkan Keterampilan Berpikir Kritis Mahasiswa Calon Guru Fisika- IDR 60,000,000 (chairman of research)		
Patents and proprietary rights	**Tittle**		**Year**
	Buku "Perangkat Pembelajaran Fisika Umum Berorientasi KKNI (RPS, SAP, LKM, dan INSTRUMEN THB)" (Hak Cipta: EC10201600520)		2016-2066
	Buku "Buku Prototipe Kurikulum Pendidikan Sains Berorientasi KKNI Edisi 2" (Hak Cipta: EC10201600519)		2016-2066
	Model Physics Independent Learning (PIL) (Hak Cipta: EC00201700960)		2017-2067
	Prototipe Buku Materi Pokok Praktikum Di Program S1 PGSD; Model Physics Independent Learning (PIL); Kelistrikan Dan Kemagnetan (Hak Cipta: EC00201700962)		2017-2067
	Perangkat Model Physics Independent Learning (Hak Cipta: EC00201700961)		2017-2067
	Buku Model *Scientific Hybrid Learning* Menggunakan Aplikasi Brilian (Hak Cipta: EC00201858576)		2018 – 2067
	Lembar Kegiatan Mahasiswa Pembelajaran Inovatif *Scientific Hybrid Learning* Mata Kuliah Matematika Bisnis (Hak Cipta: EC00201858577)		2018 – 2067
	Modul Pembelajaran Inovatif Model Shl *Scientific Hybrid Learning* Mata Kuliah Matematika Bisnis (Hak Cipta: EC00201858579)		2018 – 2067
	Buku Model Collaborative Physics Solving (CPS) Untuk Meningkatkan Kemampuan Pemecahan Masalah Dan Kolaboratif Mahasiswa (Hak Cipta: EC00201984124,)		2019 – 2069

	Perangkat Pembelajaran Berbasis Model Collaborative Physics Solving (CPS) Untuk Meningkatkan Kemampuan Pemecahan Masalah Dan Kolaboratif Mahasiswa (Hak Cipta: EC00201984125)	2019 – 2069
	Buku Model Blended Web Mobile Learning (BWML) (Hak Cipta: EC00201975887)	2019 – 2069
Important publications over the last 5 years	**Tittle**	**Year**
	Penulis Pertama pada Jurnal Internasional Bereputasi terindex Thomson Reuters dengan Impact Faktor 0.412 dan terindex Scopus Q3 dengan SJR 0.42 di Jounal of Baltic Science Education (JBSE) Vol. 15, No. 4, 2016, pp. 441-451., ISSN: 1648-3898, Judul: "Effectiveness of the INQF-based learning on a general physics for improving student's learning outcomes".	2016.
	Penulis Anggota pada Jurnal Internasional Bereputasi terindex Scopus Q3 dengan SJR 0.11 di Man In India Vol. 96, No. 9, 2016, pp. 2627-2636., ISSN: 00251569, Judul: Using science oriented self regulated learning to improve student's writing skill in science and conceptual understanding (The heat concept in physics as an example).	2016.
	Penulis Anggota pada Jurnal Internasional terindex Scopus di Jurnal Pendidikan IPA Indonesia, JPII 5 (1) (2016), pp. 83-93., ISSN: **[p-ISSN 2339-1286 | e-ISSN 2089-4392]**, Judul: The development of guided inquiry science learning materials to improve science literacy skill of prospective MI teachers.	2016
	Penulis Anggota pada Jurnal Internasional terindex Scopus di International Conference on Mathematics and Science Education (ICMScE), IOP Conf. Series terindex Scopus di Journal of Physics: Conf. Series 895 (2017) 012020 Judul: Effect of physics problem solving on structures schemes and knowledge associations.	2017
	Corresponding author pada Jurnal Internasional Bereputasi terindex Thomson Reuters dengan Impact Faktor 0.412 dan terindex Scopus Q3 dengan SJR 0.42 di Jounal of Baltic Science Education (JBSE) Vol. 16, No. 5, 2017, pp. 651-665., ISSN: 1648-3898, Judul: "The validity and effectiveness of physics independent learning model to improve physics problem solving and self-directed learning skills of students in open and distance education systems".	2017
	Corresponding author pada Jurnal Internasional Bereputasi terindex Thomson Reuters dengan Impact Faktor 0.412 dan terindex Scopus Q3 dengan SJR 0.42 di Jounal of Baltic Science Education (JBSE) Vol. 16, No. 6, 2017, pp. 1020-1034., ISSN: 1648-3898, Judul:	2017

	"Feasibility of creative exploration, creative elaboration, creative modeling, practice scientific creativity, discussion, reflection (C3PDR) teaching model to improve students' scientific creativity of junior high school".	
	Penulis Anggota pada Jurnal Internasional terindex Scopus di Jurnal Pendidikan IPA Indonesia, JPII 6 (2) (2017), pp. 306-312., ISSN: [p-ISSN 2339-1286 | e-ISSN 2089-4392], Judul: Developing characters based on local wisdom of bali in teaching physics in senior high school.	2017
	Corresponding author pada Jurnal Internasional Bereputasi terindex Thomson Reuters dengan Impact Faktor 0.412 dan terindex Scopus Q3 dengan SJR 0.42 di Jounal of Baltic Science Education (JBSE) Vol. 17, No. 1, 2018, pp. 136-151., ISSN: 1648-3898, Judul: "Effectiveness of creative responsibility based teaching (CRBT) model on basic physics learning to increase student's scientific creativity and responsibility".	2018
	Penulis Pertama pada Jurnal Internasional Bereputasi terindex Thomson Reuters dengan Impact Faktor 0.412 dan terindex Scopus Q3 dengan SJR 0.42 di Jounal of Baltic Science Education (JBSE) Vol. 17, 2018, ISSN: 1648-3898, Judul: "The comparison of OR-IPA teaching model and problem based learning model effectiveness to improve critical thinking skills of pre-service physics teachers".	2018
	Corresponding author pada Jurnal Internasional Bereputasi terindex Thomson Reuters dengan Impact Faktor 0.412 dan terindex Scopus Q3 dengan SJR 0.42 di Jounal of Baltic Science Education (JBSE) Vol. 17, 2018, ISSN: 1648-3898, Judul: "Practicality and effectiveness of the IBMR teaching model to improve physics problem solving skills".	2018
	Developing ChemonDro Application on Redox Concepts to Improve Self-Regulated Learning of Students. Journal of Physics: Conference Series.	2018
	The Effectiveness of problem-based hybrid learning model in physics teaching to enhance critical thinking of the students of SMAN. Journal of Physics: Conference Series.	2018
	Effectiveness of guided inquiry learning model to improve students' critical thinking skills at senior high school. Journal of Physics: Conference Series.	2018
	Multi-representation based on scientific investigation for enhancing students' representation skills. Journal of Physics: Conference Series. 2018.	2018

	The improvement of students physics problem solving skills through the implementation of PO2E2W learning model assisted PhET media. Journal of Physics: Conference Series.	2018
	The effectiveness of OR-IPA teaching model to improve students' critical thinking skills on senior high school physics subject. Journal of Physics: Conference Series.	2019
	The effectiveness of OrDeP2E learning model to train the natural science problem-solving skills of primary school students. Journal of Physics: Conference Series.	2019
	The effectiveness of PO2E2W learning model on natural science learning to improve problem solving skills of primary school students. Journal of Physics: Conference Series.	2019
	Corresponding author pada Jurnal Internasional Bereputasi terindex Scopus Q3 dengan SJR 0.42 di International Journal of Instruction Vol. 12 No. 2, 2019, e-ISSN: 1308-1470, p-ISSN: 1694-609X, Judul: "ARICESA as an Alternative Learning Model to Improve Learning Motivation and Understanding of Student Concepts".	2019
	Binar Kurnia Prahani, Budi Jatmiko, Bambang Hariadi, Dewiyani Sunarto, Tri Sagirani, Tan Amelia, Julianto Lemantara. 2020. Blended Web Mobile Learning (BWML) Model to Improve Students' Higher Order Thinking Skills. International Journal of Emerging Technologies in Learning https://online-journals.org/index.php/i-jet/article/view/12853	2020
	Zainuddin, Mujakir, Ibrahim, M.,Jatmiko, B., Halim, A., Yusrizal. 2020. Model of Cocoaer as alternative learning to prevent the potential misconceptions of high school students. Journal of Physics: Conference Series Volume 1460, Issue 1, 3 March 2020, Article number 012126 https://iopscience.iop.org/article/10.1088/1742-6596/1460/1/012126/meta	2020
	Setyowidodo, I., Jatmiko, B., Susantini, E., Handayani, A.D., Pramesti, Y.S. 2020. The role of science project based peer interaction on improving collaborative skills and physical problem solving: A mini review. Journal of Physics: Conference Series 1521:022032. DOI: 10.1088/1742-6596/1521/2/022032	2020

	Sri Wahyuni, Erman Erman, Setya Yuwana Sudikan, Budi Jatmiko . 2020. Edmodo-Based Interactive Teaching Materials as an Alternative Media for Science Learning to Improve Critical Thinking Skills of Junior High School Students. International Journal of Interactive Mobile Technologies. https://online-journals.org/index.php/i-jim/article/view/13041	2020

	Organization	***Position***	***Period***
Professional Organization	Physical Society of Indonesia (PSI)	Member	2019 – Now
	Dewan Guru Besar	Member	Now