

CURRICULUM VITAE



A. Personal Data

Id Scopus : 57208868046

1.	Full Name (with degree)	Dr. Rendy Wikrama Wardana, M.Pd
2.	Academic Position (since ...)	Lektor
3.	Appointments	Penata/ IIIc
4.	Employee Number	198608312019031012
5.	NIDN (Lecturer number)	0031088605
6.	Place and Date of Birth	Bandung, 31 Agustus 1986
7.	Phone Number	082349268925
8.	Office Address	Fakultas KIP UNIB, Jl. WR Supratman, Kandang Limun, Bengkulu
9.	Telephone/Fax	0736 – 21186
10.	E-mail	rendywardana@unib.ac.id
11.	Number of supervisee students (in 5 last years)	-
12.	Taught courses	Filsafat Sains, Elektrodinamika, Outdoor Natural Science Education, Metodologi Penelitian Pendidikan <i>Science</i> , Fisika Lingkungan, Strategi Pembelajaran IPA, IPA Terapan

B. Educational background

	Bachelor Program	Master Program	Doctoral Program
University	Universitas Jambi	Universitas Negeri Padang	Universitas Pendidikan Indonesia
Field of Study	Pendidikan Fisika	Teknologi Pendidikan Konsentrasi Pendidikan Fisika	Pendidikan IPA Konsentrasi Pendidikan Fisika
Year of Entry – Graduated	2004 - 2008	2008 - 2011	2013 – 2017
Title of Undergraduate Thesis / Thesis / Dissertation	S.Pd	M.Pd	Dr.
Name of Advisors /Promoters	Dr. Effendi Z dan Dr. Astalini, M.Si	Prof. Dr. Lufri, MS dan Dr Hamdi Rifai, M.Si	Prof. Dr. Liliyasi, M.Pd, Paulus Tjahyono Tjiang, Ph.D, dan Prof. Dr. Nahadi, M.Pd., M.Si

C. Research experiences in recent 5 years

No.	Year	Title of Research	Position	Source of Funding
1	2018	Academic Physics Education Students on Magnetic Electric Concepts	Member	PNBP Universitas Jambi (FKIP)
2	2020	Cognitive Perturbation Oriented Scaffolding Learning Design in Statistics Lectures for Science Education Research	Head	PNBP UNIB
3	2020	Strengthening Spiritual Values in Learning Environmental Physics Aided by Visual Media	Member	PNBP UNIB
4	2021	APBRA Oriented Science Learning Based on Invitation Into Inquiry to Develop Scientific Literacy for Mentally Impaired Students in the South Coastal Region of Bengkulu	Head	PNBP Universitas Bengkulu, Skim Unggulan
5	2021	Implementation of Cognitive Perturbation Oriented Scaffolding Learning Design in Philosophy of Science Lectures to Improve Critical Thinking Skills	Head	PNBP UNIB (FKIP, Pascasarjana)
6	2021	Provision of Scientific Reasoning Skills and Spiritual Values Through Content	Member	PNBP UNIB
7	2021	Two-Dimensional Motion Simulation Based on Macromedia Programming as a Learning Media for Effective Two-Dimensional Motion Learning	Member	PNBP UNIB

D. Community service experiences in recent 5 Years

No	Year	Title of Community Services	Position	Source of Funding
1	2018	Study of Conception and Knowledge Structure of Cross-Scientific writing training to improve teacher competence in the field of research in Sungai Bahar sub-district, Muarajambi Regency	Member	PNBP Universitas Jambi (FKIP)
2	2019	Extra Curricular Science of the Ministry of Education and Culture of the Directorate of Primary and Secondary Education of the Republic of Indonesia in Kotamobagu, North Sulawesi	Member	Kemendikbud
3	2019	Extra Curricular Science of the Ministry of Education and Culture of the Directorate of Primary and Secondary Education of the Republic of Indonesia in Bolaang mongongo, North Sulawesi	Member	Kemendikbud
4	2020	Socratic Training Helps the Learning Process in the Pandemic Period at Insan Kamil IT Elementary School	Member	Mandiri

No	Year	Title of Community Services	Position	Source of Funding
5	2020	Science Laboratory Equipment Optimization Training to Develop Conservation Skills and Attitudes for Natural Science Teachers in Kaur. Regency	Head	PNBP UNIB
6	2020	Integration of Mitigation Education in Science Learning Content as an Effort to Build Mitigation Awareness from School Level	Head	PNBP UNIB
7	2020	Making Liquid Soap Made from Local Herbal Plants to Grow the Attitude of Conservation of Science Teachers, Kaur Regency, Bengkulu Province	Member	PNBP UNIB
8	2021	Building Conservation Understanding Through Go Green School at SMP N 8 Rejang Lebong with Training on Making Super Liquid and Solid Biocompost without Odor	Member	PNBP UNIB
9	2021	Optimization of Ecovegefruit-Based Science Learning to Develop Conservation Knowledge, Skills, and Attitudes for Students of SMP N 8 Rejang Lebong	Head	PNBP UNIB

E. Scientific Article in recent 5 years

- **Scopus Author ID:** 57208868046
- **Google Scholar ID:**
scholar.google.co.id/citations?hl=id&user=IzdEMesAAAAJ Sinta ID6700065
- **SINTA ID:**

No.	Title of Scientific Article	Journal Identity (Year, Vol., No, Pages)	Type of Article	Author Position
1	Description Students conception and knowledge structure on electromagnetic concept	2019, 1185., 1, 1-11	Proceeding National Conference	First Author and <i>Coresponding Atuhor</i>
2	Identiffication of misconception of high school students on temperature and calor topic using four-tier diagnostic instrument	2020, 11., 2, 195-202	Article	Third Author
3	Description of difficulty on electricity and magnetism concepts of physics education students among cross academic level	2020, 2., 2, 1-5	Article	First Author and <i>Coresponding Atuhor</i>
4	Implementation of discovery learning on electromagnetic wave material based on	2020, 3., 2, 103-107	Article	Last Author

	adsorption Congo Red by silica from Bengkulu beach sand			
5	Identification of students' metacognitive awareness in physics learning	2020, 5., 1, 1-9	Article	First Author and <i>Corresponding Atuhor</i>
6	Analysis of Abrasion in Coastal Areas of North Bengkulu Beach as Learning Material for Disaster Mitigation	2020, 1., 2, 55-60	Article	Last Author
7	Making Liquid Soap Based on Local Herbal Plants to Foster Conservation Attitudes for Science Teachers	2020, 1., 2, 112-118	Article	Second Author
8	Optimization of Science Laboratory Equipment to Develop Conservation Skills and Attitudes of Science Teachers	2020, 1., 2, 134-141	Article	First Author and <i>Corresponding Atuhor</i>
9	Description intermediate conception in learning physics	2021, 1731:012079	Proceeding International Conference index Scopus	First Author and <i>Corresponding Atuhor</i>
10	Scaffolding Oriented Cognitive Perturbation as an Alternative Solution on Covid-19 Learning Era	2021, 532	Conference Paper	First Author and <i>Corresponding Atuhor</i>
11	The feasibility of electrostatic teaching material: oriented to conceptual understanding	2021, 1731., 1, 1-6	Article	Third Author
12	Categorization intermediate conception of the third year students' of physics education program in electromagnetism wave sub-concepts	2021, 1731., 1, 1-7	Article	First Author and <i>Corresponding Atuhor</i>

F. Oral presentations and poster submissions in the last 7 years

No.	Name of Scientific Seminar	Title of Scientific Article	Time and Place
1	International Conference On Mathematics and Science Education	The Description 12 th Students Conception of Electromagnetics". Terbit pada Advance in Social Science, Education, and Humanities	Universitas Pendidikan Indonesia, Bandung, 30 April 2016

		Research / Oral Presenter	
2	X National Seminar on Science and Science Education and the XXX Scientific Meeting of HFI DIY and Central Java	Differences in the Concepts of Physics Education Students Level II and Level III LPTK on the Electric Magnet / Oral Presenter Concept	Universitas Kristen Satya Wacana, Salatiga, 28 Mei 2016
3	Seminar on Materials, Instrumentation, Learning, and Applications (SEMIPA)	Differences in Conception of Physics Education Students Level II and Level III LPTK on Magnetic Electric Concept / Oral Presenter	Institut Teknologi Bandung, Bandung, 5 November 2016
4	National Seminar on Science Education XI Yogyakarta State University	Description of difficulty on electricity and magnetism concepts of physics education students among cross academic level / Oral Presenter	Universitas Negeri Yogyakarta, Yogyakarta, 16 November 2019
5	Science Education National Seminar (SENS) Bengkulu University	Implementation of discovery learning on electromagnetic wave material based on adsorption Congo Red by silica from Bengkulu beach sand / Oral Presenter	Universitas Negeri Yogyakarta, Yogyakarta, 16 November 2019
6	Science Education National Seminar (SENS) Universitas Bengkulu	Identification of Students' Metacognitive Awareness in Physics Learning / Oral Presenter	Universitas Bengkulu, Bengkulu, 23 November 2019
7	Mathematics and Science Education International Seminar (MASEIS) on Universitas Bengkulu	Categorization Intermediate Conception Third Year Students Physics Education Program In Electromagnetism Wave Sub Concept / Oral Presenter	Universitas Bengkulu, 5 oktober 2019
8	Mathematics and Science Education International Seminar (MASEIS) on Universitas Bengkulu	Description Intermediate Conception in Learning Physics / Oral Presenter	Universitas Bengkulu, 5 oktober 2019
9	ICETEP 2020 Universitas Bengkulu	Scaffolding Oriented Cognitive Perturbation	Universitas Bengkulu, 07 November 2020

		as an Alternative Solution on Covid-19 Learning Era / Oral Presenter	
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All the filled and listed data in this curriculum vitae is true. If there is any discrepancy with the reality in the future, will be my own risk.

Bengkulu, July 2022



Dr. Rendy Wikrama Wardana, M.Pd