

Curriculum Vitae

Surname:	Nusantari
First Name:	Elya
Date of Birth:	17 September 1972
Academic Qualification:	Bachelor: Biology Education, IKIP Negeri Malang 1990-1995 Masters: Biology Education, IKIP Negeri Malang 1995 -1997 Doctorate : Universitas Negeri Malang, 2009-2012
ID SINTA	6001162
ID Scopus	57203753290
Google Scholar	https://scholar.google.com/citations?user=kYWK6xUAAAAJ&hl=lv
ID Orchid	https://orcid.org/0000-0003-4452-6963
Venia Legendi (qualification to teach):	Biology Education
Further Qualifications:	-

At the Higher Education Institution (to be accredited) since:	
Level of Employment (part-time or full-time):	Full Time
Teaching Focus:	Genetika, Evolusi, Perencanaan Pembelajaran, Strategi Pembelajaran, Kurikulum Pembelajaran Biologi, Evaluasi Pembelajaran, Pengembangan Bahan Ajar, Metode Penelitian Pendidikan
Interdisciplinary Aspects:	Mata kuliah yang memiliki banyak aspek keilmuan misalnya: Genetika
Activities in the Areas:	Training - TOT for Higher Education Curriculum and Independent Learning at the Independent Campus in Yogyakarta in 2021. - Independent Campus Ambassador Training Learn Campus Merdeka 2021 - Workshop and Assistance in Writing Scientific Journals of International Reputation. Organizer of the Institute for Research and Community Service, State University of Gorontalo in collaboration with the Center for Development of Sustainable Region (CDSR) 6-7 Nov 2018 - Focus Group Discussion Researcher Grants for the Postgraduate Team with the title "Learning Strategies That Grow Scientific Literacy for High School Students and Prospective Students of 21st Century Biology Teachers" State University Malang Organizer 4-6 August 2018 in Surabaya

	- Training and Assistance for the Application of the RASCH Model for Data Analysis and Discussion of Research Results in Education and Research on Social Humanities” Institute for Research and Community Service, State University of Gorontalo 15-17 September 2018 - National Workshop on Biology, Science and Learning. Department of Biology, State University of Malang, 18 October 2015 - Workshop on Quality Development in Learning in LPTKs. Ministry of Research, Technology and Higher Education 15-17 October 2015 . - Workshop on Assessment of Credit Scores for Lecturer Academic Ranking/Position at the State University of Gorontalo. Directorate General. Learning and Student Affairs 13 October 2015 - Workshop on Standardization of Higher Education Curriculum for Mathematics and Natural Sciences Based on KKNi. MIPA UI in collaboration with the Geospatial Information Agency. 2-3 December 2014 at MIPA UI - Gorontalo Provinsi Province Science Olympiade Companion Training. - National Scientific Article Writing Training 2012. - Management Internship Lesson Study in Biology Education Department, FPMIPA UPI Internship in Didactic Research Research Design - at the Department of Biology Education FPMIPA UPI - PEKERTI Program Training to Develop Instructional Activities - Short Training on Compilation of Lecture Contracts and Teaching Materials for Academic Staff of State Universities in Eastern Indonesia - Training of Lecturers of PTN and PTS throughout Indonesia “Formation of Bokashi Fertilizer and Animal Feed Entrepreneurs Based on City Waste Utilization in Malang - Short Course in Basic Techniques of Genomic DNA Isolation in Prokaryotic Organisms. Directorate General of Higher Education, Ministry of National Education
- Further Education	-
- Research	- Development of Teacher Capability in Learning Oriented Higher Order Thinking Skills (HOTS) on Natural Science Materials with Conservation Characteristics in Coastal Area Elementary Schools. Year I. Chairman. Source of funds for PTUPT 2021. - Sociocultural Approach in Learning Characteristic Coastal Ecosystems in Coastal Area Elementary Schools. Member of the 3rd Year PTUPT.2019. - Research on Inter-University Cooperation (PKPT) Development of Inquiry-Based Learning Tools to Train Thinking Skills, Metacognition and Science Process Skills for High School Students throughout West Papua Year 2, Member. PKPT Fund.2019

- Sociocultural Approach in Learning Characteristic Coastal Ecosystems in Coastal Area Elementary School Year 2. PUPT. 2018
- Inter-University Cooperation Research (PKPT) Development of Inquiry-Based Learning Tools to Train Thinking Skills, Metacognition and Science Process Skills for High School Students throughout West Papua Year 1. Member. 2018
- Sociocultural Approach in Learning Characteristic Coastal Ecosystems in Coastal Area Elementary School Year 1. PUPT. Member. Year 2017
- Genetic Metacognitive Learning by Using Metacognitive Knowledge to Improve Mastery of Genetic Concepts in High School Students. Chairman. 2016.
- Engineering the Implementation of Appropriate Technology Through Development of Learning Models To Cultivate a Culture of Renewable Energy Utilization in Remote Area Communities (Year III) Members. Year 2016. Competitive Grants.
- Engineering the Implementation of Appropriate Technology Through the Development of Learning Models To Cultivate a Culture of Renewable Energy Utilization in Remote Area Communities (Year II). Member. IDB Fund. 2015.
- Development of Local Wisdom-Based Teaching Materials with a Process Approach for Mulok Learning in Gorontalo Province Junior High Schools (Year II). Member. Fund of Higher Education. Year 2015.
- Development of Local Wisdom-Based Teaching Materials with a Process Approach for Mulok Learning in SMP Province Gorontalo Year I Member of the Higher Education Fund. Year 2014.
- Application of Research in Learning Genetics (Implementation Research in Learning Genetics through Project Based Research). Chairman. UNG DIPA Fund. Year 2013.
- Conceptual Errors in High School Books and Their Impact on Teacher Difficulties in Understanding Genetic Concepts in Gorontalo Province. Chairman. DIKTI Fund. Year 2013.
- Metacognition Ability and Science Process Skills for Elementary Education Students in Supporting Lectures. Member. Dana DIPA UNG. 2012
- Study of Genetic Misconceptions and Their Improvement through Changes in the Didactic Structure of Genetic Teaching Materials Approaching Concepts in Higher Education. Dissertation. 2012
- Improving the Quality of Student Learning through Optimizing Lesson Study in the Biology Learning Process and Outcomes Evaluation Course in the Department of Biology Education.
- Application of Contextual Model as Competency and Life Skill Development Strategy for Students of SMP Negeri 8 Gorontalo City 2007/2008. Ketua. Dana DIKTI 2007.
- Capacity Building for Gender Mainstreaming in the Education Sector of Gorontalo Province in 2007. Dikmas Stimulant Fund of the Directorate General of PLS-Jakarta

	- Qualitative Research Analysis of Factors Causing Gender Gap in Education Sector in Gorontalo Province. Head of Directorate General of PNFI Funds in 2006 - Analysis of Gender Insight Education in the Education Sector in Gorontalo Province Year II. Member. Dikmas Director General of PLS Office of Social Affairs and Women's Empowerment of Gorontalo Province in 2006. - Analysis of Gender-oriented Education in the Education Sector in Gorontalo Province Year I. Dikmas Director General of PLS Social Service and Women's Empowerment of Gorontalo Province. 2005 - Study of Environmental Factors Causing Down's Syndrome and Management Efforts SP4 Biology Department Project 2004 - PEKERTI Grant Research: Evaluation of PEKERTI/AA Implementation in PT throughout Gorontalo Province P3AI-Dikti Project Fund. Member Year 2004
- Consultancy	-
How are personal research activities reflected in teaching activities?	The research is carried out according to competence and has been adapted to the subjects taught in the study program. Research results in the field of education have made textbooks that can be applied both in elementary, secondary and tertiary schools in lectures. Buku: Perangkat Pembelajaran HOTS pada Materi IPA Berkarakter Konservasi (RPP, Bahan Ajar, LKPD, Alat Evaluasi) Materi Keseimbangan dan Pelestarian Sumber Daya Alam di Wilayah Pesisir. 2022 Buku: Perangkat Pembelajaran HOTS pada Materi IPA Berkarakter Konservasi (RPP, Bahan Ajar, LKPD, Alat Evaluasi) Materi Ekosistem 2022 Buku: Perangkat Pembelajaran HOTS pada Materi IPA Berkarakter Konservasi (RPP, Bahan Ajar, LKPD, Alat Evaluasi) Materi Selamatkan Makhluk Hidup 2022 Buku: Pengembangan Model Pembelajaran Berbasis Kearifan Lokal Dusun Tumba untuk Sekolah Dasar Tahun 2018 Buku: Ekosistem dan Sumber Daya Alam Pesisir. Penerapan Pendidikan Karakter Konservasi Terbit 2017 Buku Ajar Ekosistem Pesisir untuk Kelas 4,5 dan 6 Sekolah Dasar Tahun 2018 Bahan ajar Matakuliah Evaluasi Pembelajaran Biologi 2017 Bahan Ajar Strategi Pembelajaran Biologi 2017 Buku : Genetika. (Belajar Genetika dengan Mudah dan Komprehensif) Tahun 2014

Work experience:	
- General	- 1998 to now: Lecturer at Universitas Negeri Gorontalo
- Activities as an Expert:	- Guiding workshops for PPG teachers in positions from 2005-present - Educational expert for 3 years in the Local Wisdom program in the management of biodiversity and forest areas. Project funded by the Global Environment Facility/Small Grants Program ("GEF/SGP"), implemented by UNDP on behalf of the three GEF Implementation Agencies – UNDP, UNEP, and the World Bank – and executed by YBUL in Dusun Tumba, Gorontalo

	- Instructors at Workshop 2 (Development of Learning Devices and Peer Teaching) for PPG participants in Phase 1 PGSD Study Program positions on 17-18 Year 2018 at PGSD Campus 2, State University of Gorontalo, participating teachers from Ternate - Instructor at the Workshop (Workshop) for PPG participants in Phase II positions for the PGSD Study Program at PGSD Campus 2, Gorontalo State University on 22-23 October 2018 Teachers from Makassar - Trainers and instructors for community service activities in schools and communities - PEKERTI and AA trainers at Gorontalo State University and Universities in the Gorontalo Province area. - National Resource Person/Coach for Education and Learning Activities in Higher Education - Gorontalo State University Curriculum Development Team - The Independent Pokja Team Learns on the Independent Campus of the State University of Gorontalo - Ambassadors of the Independent Campus Studying the Independent Campus at the National Level
Publications:	-
Memberships:	- Indonesian Biology Association - HPPBI (Himpunan Pendidik dan Peneliti Biologi Indonesia) - ADRI (Asosiasi Dosen Republik Indonesia) - PGRI
International experience through:	- Combination of Discovery Learning and Metacognitive Knowledge Strategy to Enhance Students' Critical Thinking Skills. Elya Nusantara* Universitas Negeri Gorontalo, INDONESIA Aryati Abdul Universitas Negeri Gorontalo, INDONESIA Insar Damopolii Universitas Papua, INDONESIA Ali Salim Rashid Alghafri Sohar University, OMAN Bakkar Suleiman Bakkar Sultan Qaboos University, OMAN. European Journal of Educational Research (Scopus Q3) Volume 10, Issue 4, 1781 - 1791. ISSN: 2165-8714 http://www.eu-jer.com/ Received: February 5, 2021 ▪ Revised: May 23, 2021 ▪ Accepted: August 23, 2021 - The effect of inquiry-based science learning on students' level of thinking I Damopolii1*, E Nusantara2 , D D Kristianto1 , J H. Mathematics and Science Education International Seminar (MASEIS) 2019 Journal of Physics: Conference Series 1731 (2021) 012089 IOP Publishing doi:10.1088/1742-6596/1731/1/012089. - Science Learning To Understand The Value Of Conservation Character In Students In The Coastal Region .2020. Elya Nusantara, Ramli Utina, Abubakar Sidik Katili, Yowan Tamu. <i>Bioedukatika</i> 2020. Sinta 2 - Fostering students' process skills through inquiry-based science learning implementation J H Nunaki1 , S I R Siagian1 , E Nusantara2 , N Y Kandowanko2 and I Damopolii1* 1Departemen Pendidikan Biologi, Universitas Papua, Jl. Gunung Salju Amban, Manokwari 98314, Indonesia 2 Departemen Biologi, Universitas Negeri Gorontalo, Jl. Jend. Sudirman No 6, Gorontalo 96128, Indonesia International Conference on Mathematics and Science Education 2019 (ICMScE 2019) Scopus Q4. Journal of Physics: Conference Series 1521 (2020) 042030 IOP Publishing doi:10.1088/1742-6596/1521/4/042030.

- “The effectiveness of Inquiry-based learning to train students' thinking skill based on SOLO taxonomy” I Damopolii¹, J H Nunaki¹, E Nusantara² and N Y Kandowanko² 22 Mei 2020. Published under licence by IOP Publishing Ltd
[Journal of Physics: Conference Series, Volume 1567, 6th International Conference on Mathematics, Science, and Education \(ICMSE 2019\) 9-10 October 2019, Semarang, Indonesia](#)
- Effectiveness of Environmentally Based Science Learning towards Environmentally Friendly Character of Students in Coastal Area. Elya Nusantara, Insar Damopolii, Ramli Utina, Abubakar Sidik Katili, Yowan Tamu. *International Journal of Instruction* Juli 2020 • Vol 13, No.3, e-ISSN: 1308-1470 • www.e-iji.net p-ISSN: 1694-609X pp. OnlineFirst (**Scopus**)
 - Potential of Inquiry-Based Learning to Train Student's Metacognition and Science Process Skill. Insar Damopolii, Umar Keley, Devi Tutut Rianjani, Jan Hendrik Nunaki, Elya Nusantara, and Novri Youla Kandowanko. *Jurnal Ilmiah Peuradeun*. 2020/1/30. Jilid 8 Terbitan 1 1Hal:83-98 . Aceh, Indonesia, Aug 26, 2019 .Reference No: 10.26811/351
 - Pengembangan Perangkat Pembelajaran Berbasis Inkuiri Terbimbing untuk Meningkatkan Hasil Belajar dan Literasi Sains Siswa pada Konsep Pembelahan Sel Frida Maryati Yusuf*, Elya Nusantara, Aryati Abdul, Hasna Abdan. *Proceedings of the ICECRS*. 2:1.doi: 10.21070/picecrs.v2i1.2398.ISSN 2548-6160 (online) June 2019 j Volume 2 j Issue 1. doi: 10.21070/picecrs.v2i1.2398
 - Pengembangan Buku Ajar Ekologi Dengan Memanfaatkan Hasil Analisis Potensi Ekosistem Mangrove Sebagai Penyerap Karbon Ilyas Husain1, Ramli Utina2, Elya Nusantara3. *Jambura Edu Biosfer Journal* (xxxx) x (x): pp-pp Journal homepage: <http://ejurnal.ung.ac.id/index.php/edubiosfer>
 - The Development of Metacognitive Based Genetic Learning Instruments at Senior High School. Elya Nusantara, *Revista Dilemas Contemporaneos: Educations, Politica Y Valores* March 2019. Vol VI No 14 ISSN:2007-7890.
<http://www.dilemascontemporaneoseducationpoliticayvalores.com> (**Thomson reuters**)
 - The Contribution of Metacognitive in the Inquiry Based Learning to students thinking skill based on SOLO Takxonomy. JH Nunaki, I Damopolii, E Nusantara, NY Kandowanko. *Journal of Physics: Conference Series*. 2019. Jilid 1321 Terbitan3 Hal 032044. 2019/10 . IOP Publishing
 - The Development of Inquiry by Learning Cycle (RYLEAC) Model on Electricity and Magnetic Concept to Increase Science Process Skill and The Academic Achievement of Students. Tirtawaty Abdjul, Mursalin, Ely a Nusantara W.D ,Sarson Pomalato. *European Journal of Education Studies* ISSN:2501-1111 ISS-L:2501-1111.Volume 6 Issue 4 2019 doi:10.5281/zenodo.3365457
 - Integrating local resources into inquiry basedteaching materials to training students' science process skills Insar Damopolii, Jan Hendrik Nunaki, Elya Nusantara, and Novri Youla Kandowanko. Cite as: AIP Conference Proceedings 2120, 060003 (2019); <https://doi.org/10.1063/1.5115703> Published Online: 03 July 2019. AIP Conference Proceedings 2120, 060003 (2019); <https://doi.org/10.1063/1.5115703> 2120, 060003 © 2019 Author(s).
 - The Effectiveness of Inquiry-based Learning to Train the Students' Metacognitive Skills Based on Gender Differences. Jan Hendrik Nunaki Insar Damopolii .Corresponding author, Universitas Papua, Indonesia, Novri Youla Kandowanko, Elya Nusantara Universitas Negeri Gorontalo, Indonesia, *International Journal of Instruction* April 2019 • Vol.12, No.2

e-ISSN: 1308-1470 • www.e-iji.net p-ISSN: 1694-609X pp. 505-516

(**Scopus**). **Citation:** Nunaki, J. H., Damopolii, I., Kandowangko, N. Y., & Nusantara, E. (2019).

- The Effectiveness of Inquiry-based Learning to Train the Students' Metacognitive Skills Based on Gender Differences. *International Journal of Instruction*, 12(2), 505-516. <https://doi.org/10.29333/iji.2019.12232a>
- Designing Teaching Material Oriented Towards Inquiry-Based Learning in Biology. Insar Damopolii*, Jan Hendreik Nunaki (UNIPA, Indonesia)
Elya Nusantara, Novri Youla Kandowangkong (UNG Gorontalo 96128, Indonesia). *Advances in Intelligent Systems Research (AISR)*, volume 157 Mathematics, Informatics, Science, and Education International Conference (MISEIC 2018). Conference Paper July 2018. DOI: 10.2991/miseic-18.2018.1
<https://www.researchgate.net/publication/328778317>
- Management of coastal biodiversity based on social-cultural values in constructing conservation character education. Abubakar Sidik Katili, Ramli Utina, Yowan Tamu, Elya Nusantara. *BIODIVERSITAS (Terindeks Scopus)* ISSN: 1412-033X Volume 19, Number 5, September 2018 E-ISSN: 2085-4722 Pages: 1763-1768 DOI: 10.13057/biodiv/d190524
- Developing of Biology Learning Book with Local Potential of Living Thing Diversity Topic for SMP Students Elya Nusantara. *International Journal of Advanced Biotechnology and Research. Terindeks ISI WoS-indexed (Tompson Reuter)*, Terbit Desember 2017.
- Ikan Bandeng Tanpa Duri (*Chanos Chanos*) sebagai Peluang Bisnis Masyarakat Desa Mootinelo, Kabupaten Gorontalo Utara, Provinsi Gorontalo. *Jurnal Ilmiah Pengabdian kepada Masyarakat "Agrokreatif"* IPB Edisi Mei 2017 Vol 3 (1):79-89 ISSN 2460-8572 EISSN 2461-095X
- Pemberdayaan Ibu-Ibu Rumah Tangga Melalui Pengolahan Nira Aren Menjadi Komoditas Ekonomi Produktif Desa Pilomonu. *Jurnal Pengabdian "Sinergitas Pengabdian untuk Publik" LPPM Univ. Neg. Gorontalo* ISSN 2407-7313 Vol 2 No 5 September 2016
- Pengelolaan Limbah Eceng Gondok untuk Membina Usaha Kreativitas Siswa di Danau Limboto Gorontalo. *Jurnal Pengabdian "Sinergitas Pengabdian untuk Publik" LPPM Univ. Neg. Gorontalo* Vol 2 No 7 September 2016 ISSN 2407-7313
- Kajian Faktor yang Mempengaruhi Retensi Siswa (Analisis Hasil Penelitian Tindakan Kelas dan Eksperimen). *Prosiding Scientific Forum: Faculty of Education Department of Science Education (FIP-JIP) Vol I No 01* September 2015 ISSN: 772460-756001 September 2015
- Genetics Misconception on High School Textbook, the Impact and importance on Presenting the Order of Concept through Reorganization of Genetics. *Journal of Education and Practice* ISSN 222-1735 (Paper) ISSN 2222-2888X (online) Vol 5 No 36, 2014
- Cakrawala Perubahan Merangkai Gagasan, Kebijakan dan Harapan "Bagaimana Membentuk Pendidik Berkarakter Keilmuan dan Akhlak melalui Pembelajaran SAINS dan Teknologi" UNG Press ISBN 978-979-1340-56-4
- Kesalahan Memahami Mutasi Terhadap Penolakan Teori Evolusi dan Mempersiapkan Pembelajaran Evolusi Masa Depan. *Jurnal Penelitian Pendidikan Universitas Negeri Malang* Edisi April 2013 Jilid 23 No 1
- Perbedaan Pemahaman Awal tentang Konsep Genetika pada Siswa, Mahasiswa, Guru-dosen dan Implikasinya terhadap Pemahaman Genetika *Jurnal Ilmu Pendidikan Univ. Neg. Malang* Edisi Desember 2012 ISSN 0215-9643 Jilid 18 No 2 Halaman 125-252 (Terakreditasi Nasional)
- Kajian Penyebab Kesenjangan Gender Berdasarkan Partisipasi dan Angka Putus Sekolah di Provinsi Gorontalo *Jurnal Ilmiah Pendidikan Gender Universitas Negeri Malang Volume 1, Nomor 1*, Edisi April 2011

-	Management Activities	- Head of the LP3M Learning Innovation Center, State University of Gorontalo 2019-present - Head of Department of Biology, Faculty of Mathematics and Natural Sciences, State University of Gorontalo November 2014-2019 - Head of the Center for Training and Development of P3AI Instructional Activities, State University of Gorontalo 2006-2009 - Head of P3AI IKIP Gorontalo 2004-2006 - Head of the Lab. Gorontalo State IKIP Research. Gorontalo State IKIP Cooperation Agency Gorontalo State IKIP Cooperation Agency 2002-2003 - Secretary of Green House IKIP Gorontalo 2001-2002
	Academic Activities	-Teacher - Book Writer for College - SCIENCE Book Author for Elementary School - National and International Journal Reviewers -Doing research in the field of education -Implementing community service
	Personal Background/ Experience	

Other:	
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