

Curriculum Vitae

A. Lecturer Identity

1	Full Name	Dr. Eng. Budi Irmawati
2	Position	Assistant Professor
3	Employee ID	19721019 199903 2 001
4	Lecturer ID	0019107202
5	Place and Date of birth	Manokwari, 19 October 1972
6	E-mail	budi-i@unram.ac.id
7	Cellphone	082339201024
8	Contact Address	Jl. Majapahit No. 62, Mataram, NTB
10	Working Unit	Informatics Engineering, Faculty of Engineering, University of Mataram
11	Teaching Courses	1. Data Structures and Algorithm 2. Scientific Paper Writing 3. Formal Language and Automata 4. Natural Language Processing 5. Information System Management in Health 6. Algorithm and Programming 7. Statistics and Probability 8. Numerical Method 9. Discrete Mathematics 10. Database 11. Digital Circuit
12	Scopus ID	55963523600 , h-index = 4;
13	Research Gate	https://www.researchgate.net/profile/Budi-Irmawati
14	Google Scholar ID	https://scholar.google.co.jp/citations?user=nyA5GpEAAAAJ&hl=en , h-index = 8
15	Orcid ID	0000-0002-4178-1486
16	Sinta ID	5973090

B. Educational background

Educational	University	Duration	Field of Study
Doctorate	Nara Institute of Science and technology	2012-2017	Computational Linguistics
Master Program	Universitas Gadjah Mada	1999-2002	Information Technology
Undergraduate	Sepuluh Nopember Institute of Technology	1991-1997	Informatics

C. Research Experience (Last 3 Years)

No	Duration Year	Research Title	Financing Source
1	2026	Rintisan Penyusunan Bahan Ajar Bahasa Sasak dari Bacaan Bahasa Indonesia menggunakan Mesin Penerjemah dan Transfer Knowledge	University of Mataram
2	2026	Aplikasi Asesmen Adaptif Berbasis Komputer Berdasarkan Kemampuan Siswa	University of Mataram
3	2026	Natural Language Processing in Electronic Health Records	Directorate General of Higher Education
4	2024	Klasifikasi Penyakit Padi berdasar pada kerusakan daun menggunakan akuisisi drone dan teknologi Deep learning	Trunojoyo University

D. Community Service Experience (Last 3 Years)

No	Duration Year	Title	Financing Source
1	2026	Sistem Informasi Pengelolaan Sampah Masyarakat Wilayah Sembalun Bumbung	University of Mataram
2	2025	Empowering the NTB Community through Korean Language Training and Business Digitalization to Enhance Tourism and SMEs	University of Mataram
4	2022	Pemasangan Perangkat Penguat Daya GSM Di Jalur Menuju Air Terjun Segenter Lombok Barat	University of Mataram

E. Publication Experience

No.	Year	Title/Authors/Journal	Indexed by
1	2025	Classification of Rice Disease Using Deep Learning Object Detection Yolov8 BD Satoto, DR Anamisa, M Yusuf, MK Sophan, RK Hapsari, B Irmawati JOIV: International Journal on Informatics Visualization 9 (6)	Q2 Sinta 1
2	2025	Classification of Batik Patterns using Graph Convolutional Networks with Data Augmentation Budi Dwi Satoto, Wahyudi Agustiono, Novia Putri Ramadhani, Fiola Laurent Rafelina, Chafi Aprillya Rahma, Suraya Binti Hamid, Budi Irmawati AIP Conference Proceedings Vol 3372 (1)	Scopus
3	2025	Garbage Classification using Depthwise Separable Convolution with Data Augmentation Budi Dwi Satoto, Achmad Yasid, Faroid Faroid, Aghus Setio Bakti, Muhammad Yusuf, Budi Irmawati AIP Conference Proceedings Vol 3250 (1)	Scopus
4	2025	Design Of A Website-Based Mental Health Early Detection Information System (Case Study: Hu'u Subdistrict) Nurul Wahida, Nadiyah Agitha, Budi Irmawati Journal of Computer Science and Informatics Engineering (J-Cosine)	Sinta 4
5	2024	Simplification of Embedding Process in Retrieval Augmented Generation for Optimizing Question Answering Chatbot Model MR Putri, AY Husodo, B Irmawati 2024 IEEE International Conference on Communication, Networks and Satellite (COMNETSAT) Pages 665-670	IEEE Xplore

No.	Year	Title/Authors/Journal	Indexed by
6	2024	Web-based Application User Interface and User Experience Design for a Clinic Using User Centered Design Method (Case Study of Klinik Rumah Terapi Sahabat) Fauziyah Aulia Rachim, Budi Irmawati, and Royana Afwani	Sinta 4
7	2022	Sistem Informasi Parenting Menggunakan Metode Design Thinking dan Personal Extreme Programming M Awaluddin, R Afwani, B Irmawati Jurnal Teknik Informatika Dan Sistem Informasi Vol 8 (2)	Sinta 4
8	2020	Age Group Based Document Classification in Bahasa Indonesia; M. Iqbal D. Putra; Budi Irmawati; Wirarama Wedashwara; Dita Pramesti; Siti Oryza Khairunnisa; 2020 International Conference on Advancement in Data Science, E-learning and Information Systems (ICADEIS)	IEEE
9	2020	The Handling of Missing Data At Nurul Bayan Geomagnetic Station, Lombok; K Khairunnas, B Irmawati, T Zubaidah, B Kanata, A Aranta, D Ratnasari; Proceeding International Conference on Science (ICST) 1 (1), 255-260	
10	2019	Language Resources and Tools Development for Indonesian Languages B Irmawati, A Aranta, W Wedhaswara, MID Putra, SO Khairunnisa Language Technologies for All (LT4All), 231–234	
11	2018	Specialized Mobile Health Design Using the Open Group Architecture Framework (TOGAF): A Case Study in Child and Maternity Health Services Organization R Afwani, B Irmawati, AH Jatmika, N Agitha 2018 5th International Conference on Data and Software Engineering (ICoDSE), 1-6	Scopus
12	2017	Generating Artificial Error Data for Indonesian Preposition Error Corrections; B Irmawati, H Shindo, Y Matsumoto; International Journal of Technology 8 (3), 1117-1126 DOI : 10.14716/ijtech.v8i3.4825	Scopus
13	2016	A Dependency Annotation Scheme to Extract Syntactic Features in Indonesian Sentences; B Irmawati, H Shindo, Y Matsumoto; International Journal of Technology (IJTech) 8 (5), 549-558 DOI : 10.14716/ijtech.v8i5.878	Scopus
14	2016	Towards Construction of an Error-Corrected Corpus of Indonesian Second Language Learners B Irmawati, M Komachi, Y Matsumoto Input a Word, Analyze the World: Selected Approaches to Corpus Linguistics	
15	2016	Exploiting Syntactic Similarities for Preposition Error Corrections on Indonesian Sentences Written by Second Language Learner; Irmawati, B; Shindo, H; Matsumoto, Y; SLTU-2016 5th Workshop on Spoken Language Technologies for Under-resourced Languages, doi: 10.1016/j.procs.2016.04.052	Scopus
16	2015	A Dependency Annotation Scheme for Indonesian B Irmawati, H Shindo, Y Matsumoto The 21th Annual Meetings of the Association for Natural Language Processing	

F. Speaker Experiences

No.	Year	Events	Place
1	2020	Age Group Based Document Classification in Bahasa Indonesia; M. Iqbal D. Putra; Budi Irmawati; Wirarama Wedashwara; Dita Pramesti; Siti Oryza Khairunnisa; 2020 International Conference on Advancement in Data Science, E-learning and Information Systems (ICADEIS)	Telkom University
2	2019	Language Resources and Tools Development for Indonesian Languages B Irmawati, A Aranta, W Wedashwara, MID Putra, SO Khairunnisa Language Technologies for All (LT4All), 231–234	Unesco Building Paris French
	2016	Towards Construction of an Error-Corrected Corpus of Indonesian Second Language Learners B Irmawati, M Komachi, Y Matsumoto International Conference on Corpus Linguistic	Gran Canaria, Spain
3	2016	Exploiting Syntactic Similarities for Preposition Error Corrections on Indonesian Sentences Written by Second Language Learner; Irmawati, B; Shindo, H; Matsumoto, Y; SLTU-2016 5th Workshop on Spoken Language Technologies for Under-resourced Languages, doi: 10.1016/j.procs.2016.04.052	Yogyakarta Indonesia
4	2015	A Dependency Annotation Scheme for Indonesian B Irmawati, H Shindo, Y Matsumoto The 21th Annual Meetings of the Association for Natural Language Processing	Kyoto Japan
5	2012	'Puak Kata' for Checking Grammar in Bahasa Indonesia B Irmawati, AS Rachman International Conference on Information & Communication Technology and Systems	Sepuluh Nopember Institute of Technology

G. Professional Organization

No.	Year	Organization	Status
1	2020-Now	Indonesia Association for Computational Linguistics (InaCL)	Anggota

H. Awards

No.	Year	Award	Organizer
1	2026	Faculty Mentor of a Student Creativity Program (PKM) Team Selected for Funding Title: ALKIMIA: Metaphorical Science Integration and Gamification to Develop the Dropout student Resiliency in SKB Gunung Sari Ilham Abdul Saleh, Lalu Bisma, Suci Winda, and Destina Rumpita	Belmawa (Directorate of Learning and Student Affairs)
2	2025	Faculty Mentor of a Student Creativity Program (PKM) Team Selected for Funding Title: Sahabat Gula: CNN Implementation for scanning local food and Sugar Intake Monitoring for Diabetic Risk Mitigation Ilham Abdul Saleh, Rizki Rahman Maulana, Nazila Imkani, Fitriana Hariyanti	Belmawa (Directorate of Learning and Student Affairs)
3	2022	Best Presenter Award	ICaDEIS 2020 (IEEE)
4	2021	Faculty Advisor to the Universitas Mataram GEMASTIK Team – First Place , ICT Scientific Writing Division	Pusat Prestasi Nasional Kemdiknas

I. Employment

No.	Duration Year	Employment	Position
1	2022-now	Magister of Information Technology	Member
2	2012-2022	Informatics Engineering Department	Member
3	1998-2012	Electrical Engineering Department	Member

Mataram, 20 May 2026

Authors



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