

Curriculum Vitae

A. Lecturer Identity

1	Full Name	Ida Bagus Ketut Widiartha, S.T., M.T., Ph.D		
2	Position	Lektor		
3	Employ ID	19700514 199903 1 002		
4	Lecturer ID	0014057002		
5	Place and Date of birth	Penarukan (Kab Buleleng), 14 Mei 1970		
6	E-mail	widi@unram.ac.id		
7	Cellphone	087-865-624-769		
8	Contact Address	Jl. Majapahit No. 62, Mataram, NTB		
10	Working Unit	Informatics Engineering, Faculty of Engineering, University of Mataram		
11	Teaching Courses	• Algorithms and Data Structures • Numerical Method • Fuzzy Logic • Information System • Database Technology • Algorithm and Programming • Introduction to smart city global convergence • Visual Programming • Information and technology based tourism • Social Informatics and E-Government • Multimedia Information Management in Multiplatform Technology • Introduction to Information Technology • Agent Based Modeling • Software Quality and Functional Assurance		
12	Scopus ID	56724266000, h-index= 5;		
13	Orcid ID	https://orcid.org/0000-0002-8014-6653		
14	Research Gate	https://www.researchgate.net/profile/Ida-Bagus-Widiartha , Score 37,2		
15	Google Scholar ID	https://scholar.google.co.id/citations?user=ywMfBI8AAAAJ&hl=en , h-index= 7;		
16	Sinta ID	6011029 Score 383		

B. Educational background

Educational	University	Duration	Field of Study
Doctorate	Seoul National University	2019-2022	Major: Technology Management Economic and Policy Integrated major: Smart City Digital Convergence
Master Program	Universitas Gadjah Mada	1998-2000	Information Technology
Undergraduate	Universitas Udayana	1989-1996	Electrical Engineering

C. Research Experience (Last 5 Years)

No	Duration Year	Research Title	Financing Source
1	2018-2019	Design and Developing a Pornographic Video Detection System and Its Application on Android Smartphone	Ministry of Education, Culture, Research, and Technology (MECRT)
2	2018	Optimization of the Geographic Information System for Tourism NTB Using ME-GA to Improve Services in Tourism	MECRT

D. Community Service Experience (Last 5 Years)

N	Duration Year	Title	Financing Source
1	2019	Penyuluhan Internet Sehat dan Etika-nya untuk Masyarakat Desa Suranadi, Kecamatan Lombok Barat, NTB	University of Mataram
2	2018	Sistem Informasi Pemetaan Lahan Berbasis Google Api Di Desa Setanggor Kab. Lombok Timur	University of Mataram

E. Publication Experience (Last 5 Years)

No.	Year	Title/Authors/Journal	Indexed by
1	2024	Integrated Notification System for Smart Parking Security Using Bot Telegram	Sinta 4
2	2024	Boosting Time Efficiency in Helmeted Face Recognition with Transfer Learning and k-NN	Sinta 4
3	2024	IMPLEMENTATION OF IoT FOR IRRIGATION SYSTEM AT NURUL HARAMAIN ISLAMIC BOARDING SCHOOL, NARMADA, WEST LOMBOK	Sinta 5
	2024	MANAGEMENT AND DEVELOPMENT OF TOURIST VILLAGE WEBSITES IN SOKONG VILLAGE, NORTH LOMBOK	Sinta 5
4	2023	Analysis of Resilience of Education System in Higher Education Due to Covid-19 Pandemic in Indonesia: A Systematic Literature Review	JOIV
5	2023	Relation of Determinant Factors and Their Effect on Improving The Online Learning: A systematic literature review	IEEE
6	2023	Concrete damage interpretation based on Acoustic emission signal using discrete Wavelet analysis, PCA and SVM classifier	AIP
7	2023	Analysis of professors' intention to create multimedia contents: A case in Indonesia using behavioral reasoning theory	AIP
8	2023	Measuring and analyzing students' acceptance toward a new learning framework a case in Indonesia using extension of technology acceptance model	AIP
9	2020	Classification of Building Cracks Image Using the Convolutional Neural Network Method; I Gede Pasek Suta Wijaya, Aditya Perwira Joan Dwitama, IBK Widiartha, Seno Adi Putra; International Conference on Advancement In Data Science, E-Learning And Information System	Scopus
10	2019	Fast pornographic image recognition using compact holistic features and multi-layer neural network	Scopus

11	2021	Analisis Tata Kelola Teknologi Informasi Untuk Mendefinisikan Arsitektur Informasi Dengan Framework COBIT 4.1 (Studi Kasus Instalasi Rawat Jalan RSUD Prov. NTB)	Sinta 3
12	2021	Analisis Tata Kelola Teknologi Informasi Untuk Mendefinisikan Arsitektur Informasi Dengan Framework COBIT 4.1 (Studi Kasus Instalasi Rawat Jalan RSUD Prov. NTB)	Sinta 3
13	2020	Classification of Building Cracks Image Using the Convolutional Neural Network Method	Sinta 3
14	2021	Klasifikasi Jenis Dan Tingkat Kesegaran Daging Berdasarkan Warna, Tekstur Dan Invariant Moment Menggunakan Klasifikasi LDA	Sinta 3
15	2020	Buildings Cracks Classification Using Zoning and Invariant Moment Features and Quadratic Discriminant Analysis Classifier	Sinta 3
16	2020	Building Crack Due To Lombok Earthquake Classification Based on GLCM Features and SVM Classifier	Sinta 3
18	2020	Aplikasi Pertimbangan Wisata di Pulau Lombok dengan Metode Fuzzy Mamdani & Algoritma Genetika	Sinta 1
19	2018	Traveling salesman problem using multi-element genetic algorithm	Scopus

F. Intellectual Property Rights

No.	Year	Title	Status
1	2024	Website Desa Sokong	Granted
2	2024	Modul Formulasi Permen Madu Trigona (Gummy Candy)	Granted
3	2023	AI based Smart Parking System Architecture	Granted
4	2021	Patent Server and Method for Managing Lost Article and Found Article (분실물 및 습득물 관리 서버 및 방법) PN139746	Registered
5	2018	APLIKASI WISDAS (WISATA CERDAS) BERBASIS ANDROID (Aplikasi Pembuat Paket Dan Rute Wisata Menggunakan Algoritma ME-GA Berbasis Android) No EC00201826660	Granted
6	2018	Aplikasi Android Pertimbangan Wisata Di Pulau Lombok Dengan Metode Fuzzy Mamdani & Algoritma Genetika No EC00201852898	Granted

G. Speaker Experiences

No.	Year	Events	Place
1	2024	IMPLEMENTATION OF INTERNET OF THINGS (IOT) FOR AUTOMATION AND MANAGEMENT OF DRIP IRRIGATION AT THE NURUL HARAMAIN NARMADA ISLAMIC BOARDING SCHOOL, WEST LOMBOK	Lombok
2	2024	Enhancing Training Efficiency with Split-Method Deep Learning and k-NN for helmeted Rider Detection in Smart Parking System: A Case study at th University of Mataram	South Korea
3	2022	Analysis of Resilience of Education System in Higher Education Due to Covid-19 Pandemic in Indonesia, ICAITI	Lombok
4	2021	Title Matching System for Integrated Public Lost and Found, ICEAS 2021	South Korea
5	2021	Measuring and Analyzing students' Acceptance toward a new Learning Framework a case in Indonesia using Extended Technology Acceptance Model, ICST 2021	Lombok
6	2020	Analysis of Professors' Intention to Make Multimedia Contents using Behavior, ICST 2021	Lombok
7	2019	How zoom dominate market share on video conferencing platform, ICST 2019	Lombok

H. Professional Organization

No.	Year	Organization	Status
1	2012-Present	Indonesian ICT Volunteers	Member
2	2015-Present	Asosiasi Pendidikan Tinggi Informatika dan Komputer. (APTIKOM)	Member

I. Awards/Achievement

No.	Year	Award	Organizer
1	2024	As the 2nd Best Presenter at the 2024 Pepadu National Seminar	Unram 2024
2	2021	Best Presentation Award	ICEAS 2021
3	2016	Getting a MTA (Microsoft Technology Associate) certificate	Microsoft Indonesia
4	2006	Award on Appropriate Technology	West Nusa Tenggara Governor
5	2006	Getting a CCNA (<i>Cisco</i> Certified Network Associate) certificate	Cisco

J. International Training

No.	Period	Organization	Location
1	01.02.2021 - 05.03.2021	Smart City Global Convergence. Organized by: World Bank and Seoul National University (SNU), Republic of Korea	South Korea
2	28.09.2019 - 05.10.2019	Business Start-Ups in Korea Special Seminars. Overall Assistance for Start-up Immigration System. Organized by: Global Start-up Immigration Center and Seoul National University (SNU), Republic of Korea	South Korea

K. Employment

No.	Duration Year	Employment	Position
1	2019-Present	Informatics Engineering Department	Lecturer
2	2012-Present	Indonesian IT Volunteer NTB Region	Member
3	2022 - Present	S-Cube Center	Secretary Manager
4	2023 - 2024	Information System Laboratory	Head
5	2024 - 2028	UPA Pustik (Center of Information Technology and Communication) University of Mataram	Secretary
6	2020.07.1-2020 0.9.1	Internship on Cyber-Perseus (Korean Company)	Internship
7	2012-2017	Informatics Engineering Department	Head
8	2012-2018	Indonesian IT Volunteer NTB Region	Head
9	2012-2017	Engineering Faculty University of Mataram Senate	Member

Mataram, Desember 2024
Authors



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