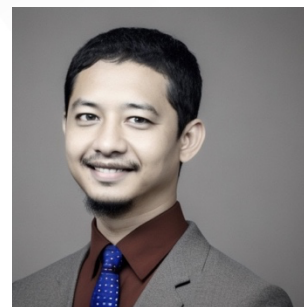


DAFTAR RIWAYAT HIDUP



A. Identitas Diri

1	Nama Lengkap	: Ir. Alam Rahmatulloh, S.T., M.T., MCE., IPM.
2	Tempat dan Tanggal Lahir	: Tasikmalaya, 21 Desember 1987
3	Alamat Rumah	: Perum Asri Residence Tamansari Blok D27 Jl. Tamansari Rt/Rw. 01/06 Mulyasari, Kec. Tamansari, Tasikmalaya, Jawa Barat 46196
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6	Jabatan Fungsional	: Lektor Kepala (700)
7	Pangkat/Gol/Ruang	: Penata Tingkat I / III-D
8	Jabatan Struktural	: Sekretaris Jurusan
9	Bidang Ilmu	: Sistem Keamanan Cerdas
10	SCOPUS Author ID	: 57210469316
11	Google Scholar ID	: Dxn94LQAAAAJ
12	H-Index	: 19
13	ORCID ID	: https://orcid.org/0000-0002-1948-7379
14	SINTA ID	: 6006638
15	LINKED IN	: https://www.linkedin.com/in/alam-r/
16	Prodi <i>homepage</i> saat ini sesuai PDPT	: Informatika
17	Peringkat Akreditasi Program Studi	: B
18	No. SK Akreditasi Program Studi	: No. 6067/SK/BAN-PT/Akred/S/IX/2020
19	Institusi	: Universitas Siliwangi
20	Alamat Kantor	: Jurusan Informatika, Fakultas Teknik Universitas Siliwangi Jl. Siliwangi No.24 Tasikmalaya
21	Nomor Telephone/ Fax	: 0265-323537
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B. Riwayat Pendidikan

No	Nama Lembaga	Tahun Lulus
1.	Universitas Hassanudin Makassar	2022
2.	Institut Teknologi Bandung	2015
3.	Univesitas Siliwangi Tasikmalaya	2010
4.	SMAN 2 Tasikmalaya	2006
5.	SMPN 1 Ciawi	2003
6.	SDN 1 Pakemitan	2000

C. Pengalaman Pekerjaan

No	Nama Lembaga	Tahun
1.	Universitas Siliwangi (Dosen)	2013 – Sekarang
2.	CV. Alphabet (Manajer Proyek)	2026 – Sekarang
3.	Yucoding Sekolah Programmer (CEO)	2019 – Sekarang
4.	Universitas Siliwangi (Staff IT)	2011 – 2013
5.	CV Haifa Infosarana Multimedia (Programmer)	2010 – 2013

D. Pengalaman Jabatan

Tahun	Jabatan
2024 – Sekarang	Direktur CV. Meta Pustaka Intelektual
2022 – Sekarang	Sekretaris Jurusan
2019 – 2022	Kepala Bidang Sertifikasi
2016 – Sekarang	Manajer Proyek CV. Alphabet

E. Pengalaman Pelatihan/Penataran/Magang (3 tahun terakhir)

No	Nama Lembaga	Tahun
1.	Direktorat Riset, Teknologi, dan Pengabdian Kepada Masyarakat, Direktorat Jenderal Pendidikan Tinggi, Riset dan Teknologi Kementerian Pendidikan, Kebudayaan, Riset dan Teknologi bekerjasama dengan Universitas Islam Bandung Pelatihan Penulisan Deskripsi Permohonan Paten Batch-1	2024
2.	Direktorat Riset, Teknologi, dan Pengabdian Kepada Masyarakat, Direktorat Jenderal Pendidikan Tinggi, Riset dan Teknologi Kementerian Pendidikan, Kebudayaan, Riset dan Teknologi bekerjasama dengan Universitas Ibn Khaldun Bogor Pelatihan Penulisan Deskripsi Permohonan Paten Batch-1	2023
3.	Yayasan Sakata Innovation Center Review Ulang Kurikulum Pelatihan Sakata pada Program Organisasi Penggerak Tahun 2023	2023
4.	Asosiasi Perguruan Tinggi Informatika dan Ilmu Komputer (APTIKOM) Bimbingan Teknis Penyusunan Kurikulum APTIKOM Berbasis OBE/KKNI/SKKNI	2023
5.	MikroTik Certified Network Associate	2023
6.	MikroTik Certified Routing Engineer	2023
7.	Technical Program Comittee in The International Conference on Advancement in Data Science, E-learning and Information System 2023	2023
8.	Lembaga Sertifikasi Profesi Universitas Dr. Soetomo Refreshment Asesor Kompetensi	2022
9.	Fakultas Teknik, Universitas Siliwangi Pemanfaatan aplikasi SLR for Publications	2022
10.	Trust Training Partners 21 st Century Learning Design	2022
11.	Kementerian Pendidikan, Kebudayaan, Riset, dan Teknologi Pelatihan Penulisan Artikel Ilmiah Internasional	2022
12.	Asosiasi Perguruan Tinggi Informatika dan Ilmu Komputer TOT Microcredential Certification Data Science – Artificial Intelligence	2021

F. Pengalaman Penelitian Dalam 5 Tahun Terakhir (Bukan Skripsi, Tesis, maupun Disertasi)

No.	Tahun	Judul Penelitian	Pendanaan	
			Sumber*	Jml (Juta Rp)
1	2017	Implementasi Load Balancing Web Server menggunakan Haproxy dan Sinkronisasi File pada Sistem Informasi Akademik Universitas Siliwangi	DIKTI	20
2	2018	Perancangan Alat Pemanggil Perawat Pada Rumah Sakit Berbasis Rfid Dengan Konsep Internet of Think (IoT) Menggunakan Arduino	DIKTI	19
3	2018	Implementasi Web Service Pada Sistem Host-To-Host Pembayaran Biaya Kuliah Mahasiswa	UNSIL	8
4	2019	Implementasi Web Scraping Untuk Rekap Data Publikasi Artikel Imiah Pada Google Scholar	UNSIL	8,5
5	2021	Algoritma Haar Cascade Classifier Untuk Deteksi Wajah Bermasker Berbasis Internet Of Things	UNSIL	14
6	2022	Penerapan Web Service Untuk Integrasi Layanan Perguruan Tinggi Satu Data	Tel-U	27,5
7	2022	Integrasi Layanan Web Sistem Informasi Sumberdaya Terintegrasi (Sister) Dikti Untuk Portofolio Peneliti Indonesia	UNSIL	15
8	2022	Pengumpulan Data Artikel Ilmiah Dari Science And Technology Index Menggunakan Pendekatan Web Scraping	Tel-U	25
9	2022	Sistem Cerdas Identifikasi Fragmen Simplisia Daun Kering dan Nama Tanaman Obat dengan Pendekatan Image Processing	DIKTI	157,7
10	2023	Aplikasi Identifikasi Citra Mikroskopis Fragmen Simplisia Tanaman Obat Berbasis Android Hibah Bantuan Biaya Luaran Prototipe 2023	DIKTI	61,55
11	2023	SISTEM MANAJEMEN TANDA TANGAN DIGITAL CERDAS TERINTEGRASI DENGAN QR-CODE Hibah Program Pengembangan Kapasitas (PPKAP)	UNSIL	12
12	2023	Sistem Pengelolaan Sampah Pintar Berkelanjutan Berbasis AI-IoT PENELITIAN KEMITRAAN DALAM NEGERI	Tel-U	80
13	2023	Perancangan Arsitektur Smart Wearable Device Untuk Monitoring Kesehatan Berbasis AI-IoT Hibah Program Pengembangan Kapasitas (PPKAP)	UNSIL	12
14	2023	Tanda Tangan Digital Cerdas Pada Pendidikan Tinggi Dengan Teknologi Blockchain Hibah Penelitian Kerjasama Dalam Negeri (PKDN) Batch-1	Tel-U	50
15	2024	Pendekatan Pengoptimal PSO-Adam Hibrid untuk Peningkatan Citra Mendalam dengan Generative Adversarial Network Hibah Penelitian Kerjasama Dalam Negeri (PKDN) Batch-1	Tel-U	50

No.	Tahun	Judul Penelitian	Pendanaan	
			Sumber*	Jml (Juta Rp)
16	2024	Optimalisasi Eco-Maps dengan Arsitektur Microservice untuk Menciptakan Kampus Ramah Lingkungan Penelitian Pengembangan Kapasitas (PPKap)	UNSIL	15
17	2024	Payment Gateway System untuk Mekanisme Pembayaran Multichannel Berbasis Web Service Penelitian Pengembangan Kapasitas (PPKap)	UNSIL	15
18	2024	Model Chatbot Pintar Terintegrasi Pemrosesan Bahasa Alami Untuk Konversi Ucapan- Ke-Teks Dalam Membantu Disabilitas Tunarungu Menggunakan Pendekatan Pembelajaran Mesin Hibah Penelitian Kerjasama Dalam Negeri (PKDN) Batch-2	Tel-U	100
19	2024	Box Sampah Pintar dengan Deep Learning untuk Klasifikasi Jenis Sampah Otomatis Berbasis Internet of Things Hibah Prototipe	DIKTI	66,363

G. Pengalaman Pengabdian Kepada Masyarakat dalam 5 Tahun Terakhir

No.	Tahun	Judul Pengabdian Pada Masyarakat	Pendanaan	
			Sumber*	Jml (Juta Rp)
1	2018	Pelatihan dan Peningkatan Disiplin Kehadiran Aparat Desa dengan Penerapan Sistem Presensi Berbasis Sidik Jari	UNSIL	8
2	2019	Pelatihan Dan Penerapan Sistem Presensi Berbasis Komputer Untuk Pengelolaan Data Kehadiran Aparat Desa	UNSIL	5
3	2019	Pelatihan Penggunaan Media Pembelajaran Elektronik Di Pusat Kegiatan Belajar Masyarakat (Pkbm) Miftahul Barokah	UNSIL	5
4	2020	Real-Time Monitoring Antrian Pendaftaran Pasien Puskesmas Berbasis Android Untuk Mencegah Penyebaran Virus Corona Covid-19	UNSIL	15
5	2022	Pelatihan Dan Penggunaan Platform Teknologi Kurikulum Merdeka Untuk Jenjang Sekolah Dasar Di Sd Islam Al-Jamal Dan Sdn Sukarindik Kota Tasikmalaya	UNSIL	7,5
6	2022	Sosialisasi dan Penerapan Aplikasi Sekolah Digital Era Industri 4.0 berbasis Web Service untuk Meningkatkan Produktifitas Kegiatan Akademik dan Keuangan di SD Baiturrahman	Tel-U	27
7	2022	Edukasi Robotika Untuk Meningkatkan Kemampuan Motorik Halus Di Sd Baiturrahman	UNSIL	24,4
8	2023	SOSIALISASI PENERAPAN TEKNOLOGI MONITORING KEHADIRAN REALTIME UNTUK MENINGKATKAN DISIPLIN KINERJA KARYAWAN UMKM GEHEL SNACK	UNSIL	8

No.	Tahun	Judul Pengabdian Pada Masyarakat	Pendanaan	
			Sumber*	Jml (Juta Rp)
		PROGRAM PENGEMBANGAN PRODUK UNGGULAN DAERAH (PBM-PPPUD)		
9	2023	Sosialisasi dan Penerapan Teknologi Payment Gateway Untuk Sistem Donasi Amal Kebaikan Hibah Program Dana Eksternal (EKSTERNAL)	Tel-U	70
10	2023	Sosialisasi Aplikasi Eco-Mapping dan Green School Program Untuk Mendukung Pelestarian Lingkungan di Sekolah Muhammadiyah Kabupaten Tasikmalaya Hibah Program Dana Eksternal (EKSTERNAL)	Tel-U	80
11	2023	PENERAPAN TEKNOLOGI SMART (SISTEM INFORMASI MANAJEMEN APLIKASI RUKUN TETANGGA) DI DESA ARJASARI BERBASIS SOCIETY 5.0 Program Pemberdayaan Masyarakat Unggulan Program Studi (PPMUPS)	UNSIL	10
12	2024	Workshop dan Pemanfaatan Sertifikat Digital dengan Teknologi Blockchain di Lingkungan Pimpinan Daerah Muhammadiyah Tasikmalaya Program Pemberdayaan Masyarakat Unggulan Program Studi (PPMUPS)	UNSIL	15,5
13	2024	Sosialisasi dan Pelatihan Penggunaan Teknologi Ear Tag pada Aplikasi Pendataan Hewan Ternak di Panji Boma Farm Program Pengembangan Produk Unggulan Daerah (PPPUD)	UNSIL	13
14	2024	Workshop Penerapan Teknologi Web Service pada Aplikasi IkutPeduli untuk Penggalangan Bantuan dan Promosi Kegiatan Sosial di Tasikmalaya Hibah Program Dana Eksternal (EKSTERNAL) Batch-1	Tel-U	66,5
15	2024	Workshop Penerapan Teknologi QRCode pada Aplikasi eLiveStock di BUMDes Panji Boma Ciamis Hibah Program Dana Eksternal (EKSTERNAL) Batch-2	Tel-U	78

H. Publikasi Artikel Ilmiah Dalam Jurnal dalam 5 Tahun Terakhir

No	Judul Artikel Ilmiah	Nama Jurnal	Volume/ Nomor/ Tahun
1.	PERBANDINGAN PERFORMA ALGORITMA KOLONI SEMUT DENGAN ALGORITMA GENETIKA-TABU SEARCH DALAM PENJADWALAN KULIAH	CESS (Journal of Computer Engineering, Science and System)	Volume 4 Issue 1 2019
2.	Telegram Bot for Automation of Academic Information Services with The Forward Chaining Method	Jurnal Sinkron (Journal Publications & Informatics	Volume 3, Number 2, April 2019

No	Judul Artikel Ilmiah	Nama Jurnal	Volume/ Nomor/ Tahun
		Engineering Research)	
3.	Web Services to Overcome Interoperability in Fingerprint-based Attendance System	2018 International Conference on Industrial Enterprise and System, Atlantis Highlights in Engineering	Volume 2, March 2019
4.	JSON Web Token (JWT) untuk Authentication pada Interoperabilitas Arsitektur berbasis RESTful Web Service	JEPIN (Jurnal Edukasi dan Penelitian Informatika)	5 / 1, 74-79, 2019
5.	Implementasi Web Service pada Sistem Host-To-Host Pembayaran Biaya Akademik	Setrum: Sistem Kendali-Tenaga-Elektronika-Telekomunikasi-Komputer	Volume 7 Issue 2 2019
6.	Restful Web Service Untuk Integrasi Sistem Akademik Dan Perpustakaan Universitas Perjuangan	JURNAL ILMIAH INFORMATIKA	7 (01), 54-59, 2019
7.	Web Scraping and Winnowing Algorithms for Plagiarism Detection of Final Project Titles	Lontar Komputer: Jurnal Ilmiah Teknologi Informasi	10 (2), 73-83, 2019
8.	Websocket untuk Optimasi Kecepatan Data Transfer pada Real Time Chatting	Innovation in Research of Informatics (INNOVATICS)	1 (1), 2019
9.	Telegram bot implementation in academic information services with the forward chaining method	SinkrOn	3 (2), 73-78, 2019
10.	Comparison of Web Scraping Techniques: Regular Expression, HTML DOM and Xpath	2018 International Conference on Industrial Enterprise and System, Atlantis Highlights in Engineering	Volume 2, March 2019
11.	Implementation of Global Positioning System as A Location Monitoring Media for Final Project Guidelines on Android-Based Applications	Jurnal Transformatika	Volume 16 Issue 2 2019
12.	Performance Evaluation of Query Response Time in The Document Stored NoSQL Database	2019 16th International Conference on Quality in Research (QIR):	2019

No	Judul Artikel Ilmiah	Nama Jurnal	Volume/ Nomor/ Tahun
		International Symposium on Electrical and Computer Engineering, IEEE	
13.	Real-time Screen Sharing Using Web Socket for Presenting Without Projector	2019 7th International Conference on Information and Communication Technology (ICoICT), IEEE	2019
14.	Performance Analysis of Data Transmission on WebSocket for Real-time Communication	2019 16th International Conference on Quality in Research (QIR): International Symposium on Electrical and Computer Engineering, IEEE	2019
15.	Implementasi Application Programming Interface (API) Google Calendar Sebagai Reminder Informasi Kegiatan Pondok Pesantren	JST (Jurnal Sains dan Teknologi)	8 (1), 73-82, 2019
16.	IMPLEMENTASI FORMULA HAVERSINE DAN KOMUNIKASI DATA REAL-TIME MENGGUNAKAN WEBSOCKET DI SISTEM PENGAWASAN WARGA NEGARA ASING	KLIK-KUMPULAN JURNAL ILMU KOMPUTER	6 (2), 143-151, 2019
17.	Implementasi Web Push Notification pada Sistem Informasi Manajemen Arsip Menggunakan PUSHJS	Jurnal Teknologi Informasi dan Ilmu Komputer	6 (3), 327-334, 2019
18.	Application Programming Interface Google Picker Sebagai Penyimpanan Data Sistem Informasi Arsip Berbasis Cloud	Jurnal Nasional Teknologi dan Sistem Informasi	5 (1), 25-32, 2019
19.	Sistem Presensi Berbasis Sidik Jari untuk Peningkatan Disiplin Kehadiran Aparat Desa	JATI EMAS (Jurnal Aplikasi Teknik dan Pengabdian Masyarakat)	3 (1), 14-18, 2019
20.	SERVER-SIDE PROCESSING TECHNIQUES FOR OPTIMIZING THE SPEED OF PRESENTING BIG DATA	Jurnal Pilar Nusa Mandiri	15 (1), 47-52, 2019
21.	Comparison between the Stemmer Porter Effect and Nazief-Adriani on the Performance of Winnowing Algorithms for Measuring Plagiarism	International Journal on Advanced Science, Engineering and Information	Vol 9, No 4 (2019)

No	Judul Artikel Ilmiah	Nama Jurnal	Volume/ Nomor/ Tahun
		Technology (IJASEIT Q2)	
22.	Real-time Communication Measurement on Web Services in the Fingerprint Machine	2019 IEEE International Conference on Internet of Things and Intelligence System (IoTaIS)	2019
23.	RFID for nurse activity monitoring in the hospital's nurse call system with Internet of Thing (IoT) concept	IOP Conference Series: Materials Science and Engineering	550 (1), 012025, 2019
24.	Stateless Authentication with JSON Web Tokens using RSA-512 Algorithm	JURNAL INFOTEL	11 (2), 36-42, 2019
25.	ANALISIS TINGKAT KEPUASAN MAHASISWA TERHADAP SIMAK UNIVERSITAS SILIWANGI MENGGUNAKAN STRUCTURAL EQUATION MODELING	Jurnal Siliwangi Seri Sains dan Teknologi	5 (2), 40-46, 2019
26.	Identification of Bacterial Leaf Blight and Brown Spot Disease in Rice Plants with Image Processing Approach	Jurnal Ilmiah Teknik Elektro Komputer dan Informatika (JITEKI)	5 (2), 59-67, 2019
27.	PELATIHAN DAN PENERAPAN SISTEM PRESENSI BERBASIS KOMPUTER UNTUK PENGELOLAAN DATA KEHADIRAN APARAT DESA	Jurnal Pengabdian Untuk Mu NegeRI	3 (2), 2019
28.	Point Clipping Algorithm on Employee Presence Application for Geolocation of Employee Position	Kinetik : Game Technology, Information System, Computer Network, Computing, Electronics, and Control	Vol. 4, No. 4, November 2019
29.	IMPLEMENTASI WEB SCRAPING PADA SISTEM INFORMASI LEMBAGA SERTIFIKASI PROFESI UNIVERSITAS SILIWANGI	SISTEMASI: Jurnal Sistem Informasi	8 (3), 397-404, 2019
30.	JSON Implementation with Zlib Compression for Database Efficiency in Handling Dynamic Upload Multiple Images	Journal of Telematics and Informatics	7 (3), 2019
31.	HAVERSINE FORMULA UNTUK MEMBATASI JARAK PADA APLIKASI PRESENSI ONLINE	Jurnal INSTEK (Informatika Sains dan Teknologi)	4 (2), 171-180, 2019
32.	Performance comparison of signed algorithms on JSON Web Token	IOP Conference Series: Materials	550 (1), 012023, 2019

No	Judul Artikel Ilmiah	Nama Jurnal	Volume/ Nomor/ Tahun
		Science and Engineering	
33.	Sistem Informasi Rekomendasi Klinik Kesehatan Menggunakan Algoritma Slope One dan Term Frequency Ranking	Jurnal Ilmiah Informatika	7 (2), 2019
34.	Sistem Informasi Akreditasi Perguruan Tinggi (SIAP) untuk Pengisian Borang Standar 3 BAN-PT	Jurnal Sistem dan Teknologi Informasi (JUSTIN)	7 (2), 130-138, 2019
35.	PERBANDINGAN ALGORITMA PADA VIRTUAL PRIVATE NETWORK IPSEC TERHADAP KECEPATAN DATA TRANSFER	SISTEMASI: Jurnal Sistem Informasi	9 (2), 259-273, 2020
36.	Implementasi Web Service untuk Aplikasi Pemantau Coronavirus Disease 2019 (COVID-19)	Innovation in Research of Informatics (INNOVATICS)	2 (1), 2020
37.	The Effect of Implementing Web Push Notification and Customer Relationship Management in E-Commerce of Silver Craft MSME	Sriwijaya International Conference on Information Technology and Its Applications (SICONIAN 2019), Advances in Intelligent Systems Research	2020
38.	Web Scraping with HTML DOM Method for Data Collection of Scientific Articles from Google Scholar	Indonesian Journal of Information Systems	2 (2), 95-104, 2020
39.	Applied Internet of Things (IoT): The Prototype Bus Passenger Monitoring System Using PIR Sensor	2020 8th International Conference on Information and Communication Technology (ICoICT), IEEE	2020
40.	Optimizing data storage in handling dynamic input fields with JSON string compression	2020 8th International Conference on Information and Communication Technology (ICoICT), IEEE	2020
41.	REALTIME MONITORING ANTRIAN PENDAFTARAN PASIEN PUSKESMAS BERBASIS ANDROID DALAM	Abdi Teknayasa, 50-54	2020

No	Judul Artikel Ilmiah	Nama Jurnal	Volume/ Nomor/ Tahun
	UPAYA PENANGGULANGAN PENYEBARAN COVID-19		
42.	Performansi Software Defined Network Controller Pada Streaming Video Menggunakan Real-time Transport Protocol	Jurnal Teknik Informatika dan Sistem Informasi 7 (2)	2021
43.	LAYANAN KEBERSIHAN MASJID BERBASIS ANDROID UNTUK MENDUKUNG PELAKSANAAN PROTOKOL KESEHATAN PENCEGAHAN COVID-19	SELAPARANG Jurnal Pengabdian Masyarakat Berkemajuan	2021
44.	Monitoring Elementary School Students Achievement using Android-based RESTful Web Service	Sistemasi: Jurnal Sistem Informasi	2021
45.	Automatic Email Alert on the Internet of Things-based Smart Motion Detection System	ICONISTECH-1 2019: Selected Papers from the 1st International Conference on Islam, Science and Technology, ICONISTECH-1	2020
46.	Sentiment Analysis of Ojek Online User Satisfaction Based on the Naïve Bayes and Net Brand Reputation Method	2021 9th International Conference on Information and Communication Technology (ICoICT)	2021
47.	JSON Web Token Penetration Testing on Cookie Storage with CSRF Techniques	2021 International Conference Advancement in Data Science, E-learning and Information Systems (ICADEIS), IEEE	2021
48.	Microservices-based IoT Monitoring Application with a Domain-driven Design Approach	2021 International Conference Advancement in Data Science, E-learning and Information Systems (ICADEIS), IEEE	2021
49.	Face Mask Detection using Haar Cascade Classifier Algorithm based on Internet of Things with Telegram Bot Notification	2021 International Conference Advancement in Data Science, E-	2021

No	Judul Artikel Ilmiah	Nama Jurnal	Volume/ Nomor/ Tahun
		learning and Information Systems (ICADEIS), IEEE	
50.	Analisis User Experience Aplikasi Peduli Lindungi untuk Menunjang Proses Bisnis Berkelanjutan.	SATIN-Sains dan Teknologi Informasi	2021
51.	Comparison of JSON and XML Data Formats in Document Stored NoSQL Database Replication Processes.	International Journal on Advanced Science, Engineering and Information Technology	11 (3), 2021
52.	Performansi Software Defined Network Controller Pada Streaming Video Menggunakan Real-time Transport Protocol.	Jurnal Teknik Informatika dan Sistem Informasi	7 (2), 381-389-381-389, 2021
53.	GeoJSON Implementation for Demographic and Geographic Data Integration Using RESTful Web Services	2022 Seventh International Conference on Informatics and Computing (ICIC), IEEE	2022
54.	Web Service Modeling for GraphQL Based College Data Service Access	2022 International Conference Advancement in Data Science, E-learning and Information Systems (ICADEIS), IEEE	2022
55.	Event-Driven Architecture to Improve Performance and Scalability in Microservices-Based Systems	2022 International Conference Advancement in Data Science, E-learning and Information Systems (ICADEIS), IEEE	2022
56.	Optimization of Hijaiyah Letter Handwriting Recognition Model Based on Deep Learning	2022 International Conference Advancement in Data Science, E-learning and Information Systems (ICADEIS), IEEE	2022

No	Judul Artikel Ilmiah	Nama Jurnal	Volume/ Nomor/ Tahun
57.	Selection of the Best Color Space for Image Steganography with the Least Significant Bit Method	2022 International Conference Advancement in Data Science, E-learning and Information Systems (ICADEIS), IEEE	2022
58.	IoT Based Temperature Monitoring System For Smart Cage	2022 International Conference on Advanced Creative Networks and Intelligent Systems (ICACNIS), IEEE	2022
59.	Monitoring Nilai Akademik Siswa Sekolah Dasar Berbasis Android dengan Restful Web Service	Sistemasi: Jurnal Sistem Informasi	11 (1), 84-96, 2022
60.	Design Thinking Approach for User Interface Design and User Experience on Campus Academic Information Systems.	JOIV: International Journal on Informatics Visualization	6 (2), 327-334, 2022
61.	CryptMAIL: Keamanan Ganda Email Menggunakan Algoritma Kriptografi.	Jurnal Teknik Informatika dan Sistem Informasi	8 (2), 438-453-438-453, 2022
62.	Identification of Mirai Botnet in IoT Environment through Denial-of-Service Attacks for Early Warning System	JOIV: International Journal on Informatics Visualization	6 (3), 623-628, 2022
63.	The Effect of Adding the Heuristic Evaluation Method to the Usability Evaluation Method of Design Thinking in the UNSIL Vclass Application	2023 8th International Conference on Informatics and Computing, ICIC 2023	2023
64.	SOSIALISASI DAN PELATIHAN APLIKASI ECO-MAPPING DAN GREEN SCHOOL PROGRAM UNTUK Mendukung Pelestarian Lingkungan Di Sekolah	Abdi Teknayasa, 2023	2023
65.	Pelatihan Penggunaan Media Pembelajaran Elektronik di Pusat Kegiatan Belajar Masyarakat (PKBM) Miftahul Barokah	Jurnal Pengabdian Siliwangi 9 (2), 2023	2023
66.	IoT-Enabled Water Distribution Monitoring: A Sensor-Based Analytical Model.	Ingénierie des Systèmes d'Information 28 (6), 2023	2023
67.	DIKTI's Integrated Resource Information System Web Service Model for Researcher Portfolios	2023 International Conference on Advancement in	2023

No	Judul Artikel Ilmiah	Nama Jurnal	Volume/ Nomor/ Tahun
		Data Science, E-learning and ..., 2023	
68.	MikrobatX: The Use of SIFT Feature Extraction in a Deep Learning Approach for Identification and Classification of Microscopic Fragments of Medicinal Leaves.	International Journal on Advanced Science, Engineering & Information ..., 2023	2023
69.	AMAN: Token-based Authentication to Improved Single Sign-On Security Between Systems	2023 International Conference on Advancement in Data Science, E-learning and ..., 2023	2023
70.	IMPLEMENTASI JSON PARSING UNTUK PERTUKARAN DATA PADA APLIKASI VPN CLIENT BERBASIS MOBILE	NERO (Networking Engineering Research Operation) 8 (1), 65-76, 2023	2023
71.	Steganography: Combination of Least Significant Bit (LSB) and Bit-Plane Complexity Segmentation (BPCS) Methods for Hiding Message on Image and Audio	International Journal of Computer Applications 975, 8887, 2023	2023
72.	MikrobatX: The Use of SIFT Feature Extraction in a Deep Learning Approach for Identification and Classification of Microscopic Fragments of Medicinal Leaves	International Journal on Advanced Science, Engineering and Information Technology	2023
73.	Automatic Screen Reader Using JITBIT for Sending Message on WhatsApp Messenger	Journal of Innovation Information Technology and Application (JINITA) 5 (1 ..., 2023	2023
74.	LITERASI TEKNOLOGI INFORMASI Untuk Pengembangan dan Peningkatan Kompetensi	UNSIL LIBRARY PUBLISHER, 2023	2023
75.	EDUKASI ROBOTIKA UNTUK MINGKATKAN KEMAMPUAN MOTORIK HALUS DI SD BAITURRAHMAN	TEKMULOGI: Jurnal Pengabdian Masyarakat 3 (1), 178-184, 2023	2023
76.	Pengukuran Kinerja Sistem Informasi Penerimaan Mahasiswa Baru Menggunakan GTMetrix, WebAIM dan LoadView	MIND (Multimedia Artificial Intelligent Networking Database) Journal 8 (1 ..., 2023	2023
77.	Performance Comparison of Response Time Native, Mobile and Progressive Web Application Technology	Innovation in Research of Informatics	2023

No	Judul Artikel Ilmiah	Nama Jurnal	Volume/ Nomor/ Tahun
		(INNOVATICS) 5 (1), 2023	
78.	Sosialisasi dan Penerapan Aplikasi Sekolah Digital untuk Meningkatkan Produktifitas Kegiatan Akademik dan Keuangan	Surya Abdimas 7 (2), 239-245, 2023	2023
79.	Implementation of JSON Web Token on Authentication with HMAC SHA-256 Algorithm	Sistemasi: Jurnal Sistem Informasi 12 (1), 194-205, 2023	2023
80.	Chatbot for Diagnosis of Pregnancy Disorders using Artificial Intelligence Markup Language (AIML)	International Journal on Informatics Visualization	2023
81.	PENERAPAN METODE WEBQUAL 4.0 DAN IMPORTANCE PERFORMANCE ANALYSIS (IPA) DALAM EVALUASI KUALITAS WEBSITE KOMUNITAS KUMPULAN WARGI SUKAPURA (KWS)	Jurnal Simantec 12 (2), 17-26, 2024	2024
82.	Sosialisasi dan Pelatihan Penggunaan Aplikasi SMART Guna Mendukung Tertib Administrasi di Lingkungan Rukun Tetangga	UN PENMAS (Jurnal Pengabdian Masyarakat untuk Negeri) 4 (1), 51- 58, 2024	2024
83.	Custom Concept Text-to-Image Using Stable Diffusion Model in Generative Artificial Intelligence	International Journal of Informatics and Computing 1 (1), 1- 11, 2024	2024
84.	Exploring Models and Band Selection for Improved Contrail Detection with Deep Learning	Journal of Advances in Information Technology 15 (6), 2024	2024
85.	WORKSHOP PENERAPAN TEKNOLOGI WEB SERVICE PADA APLIKASI IKUTPEDULI UNTUK PENGALANGAN BANTUAN DAN PROMOSI KEGIATAN SOSIAL DI TASIKMALAYA	El-Khidmat; Jurnal Pengabdian Masyarakat 1 (2), 49-57, 2024	2024
86.	Beccak: Combination of Blockchain and Keccak Algorithm for Improved Digital Signature Performace	Preprints, 2024	2024
87.	Approach Integration Design Sprints to Design Thinking in Learning Management System Sakattaku	Khazanah Informatika: Jurnal Ilmu Komputer dan Informatika 10 (1), 58-68, 2024	2024
88.	Implementasi HALB dan Klaster MongoDB dengan Penyimpanan Cache Redis dalam Sistem Terdistribusi	JUSTIN (Jurnal Sistem dan Teknologi Informasi) 12 (2), 265-270, 2024	2024
89.	Analisis Perbandingan Metode Think-Aloud, Evaluasi Heuristik dan Cognitive Walkthrough untuk Evaluasi Usability pada Aplikasi Simpeda	JUSTIN (Jurnal Sistem dan Teknologi	2024

No	Judul Artikel Ilmiah	Nama Jurnal	Volume/ Nomor/ Tahun
		Informasi) 12 (2), 287-291, 2024	
90.	Implementasi Mobilenet untuk Klasifikasi Gambar dan Deteksi Emosi Menggunakan KERAS	JUSTIN (Jurnal Sistem dan Teknologi Informasi) 12 (2), 259-264, 2024	2024
91.	Comparison of Machine Learning Algorithms in Detecting Contaminants in Drinkable Water	Innovation in Research of Informatics (INNOVATICS) 6 (1), 2024	2024
92.	Classification of Batik Tasikmalaya Using Neural Network With GLCM dan LBP Feature Extraction	Jurnal Mahasiswa Teknik Informatika 3 (1), 47-59, 2024	2024
93.	Model Accuracy Test for Early Stage of Diabetes Risk Prediction with Data Science Approach	International Conference on Engineering, Applied Sciences and System ..., 2024	2024
94.	Analisis dan Rekomendasi Character Pada Game Genshin Impact Berdasarkan Revenue Banner Menggunakan Algoritma Clustering	Jurnal Mahasiswa Teknik Informatika 3 (1), 40-46, 2024	2024
95.	Perbandingan Skor Prediksi dalam Pembelajaran Mesin pada Keselamatan Penumpang Kapal: Comparison of Prediction Scores in Machine Learning on Ship Passenger Safety	Jurnal Mahasiswa Teknik Informatika 3 (1), 60-74, 2024	2024
96.	PERBANDINGAN GATED RECURRENT UNIT (GRU) DAN ALGORITMA LONG SHORT-TERM MEMORY (LSTM) LINEAR REFRESSION DALAM PREDIKSI HARGA EMAS MENGGUNAKAN MODEL TIME SERIES	Jurnal Informatika dan Teknik Elektro Terapan 12 (1), 2024	2024
97.	SOSIALISASI PENERAPAN TEKNOLOGI MONITORING KEHADIRAN REAL-TIME UNTUK MENINGKATKAN DISIPLIN KINERJA KARYAWAN UMKM GEHEL SNACK	Jurnal Bakti Masyarakat Indonesia 7 (1), 63-69	2024
98.	ANALISIS TINGKAT KESIAPAN KEAMANAN INFORMASI MENGGUNAKAN INDEKS KEAMANAN INFORMASI (INDEKS KAMI) VERSI 4.2 PADA SISTEM INFORMASI AKADEMIK (SIMAK) UNIVERSITAS SILIWANGI	Jurnal SITECH: Sistem Informasi dan Teknologi 7 (1), 73-80	2024
99.	SignChain: Enhanced Digital Signature System Security with HashIDs in Blockchain	2024 International Conference on Artificial Intelligence, Blockchain, Cloud Computing and Data Analytics	2024
100.	Event-Driven Architecture (EDA) vs API-Driven Architecture (ADA): Which Performs Better in Microservices?	2024 International Conference on Artificial Intelligence, Blockchain, Cloud	2024

No	Judul Artikel Ilmiah	Nama Jurnal	Volume/ Nomor/ Tahun
		Computing and Data Analytics	
101.	Performance Comparison of Multinomial and Bernoulli Naïve Bayes Algorithms with Laplace Smoothing Optimization in Fake News Classification	2024 International Conference on Artificial Intelligence, Blockchain, Cloud Computing and Data Analytics	2024
102.	Analisis Malware Aquavaprn. exe Untuk Investigasi Sistem Operasi Dengan Metode Memory Forensics	Jurnal Teknik Informatika dan Sistem Informasi 10 (2), 161-172	2024
103.	AResNet Model Using Deep Learning Approach for Enhancing the Internet of Things (IoT) Forensic Readiness Framework	International Journal of Intelligent Engineering & Systems 17 (5)	2024
104.	Hybrid PSO-Adam Optimizer Approach for Optimizing Loss Function Reduction in the Dist-YOLOv3 Algorithm	International Journal of Intelligent Engineering & Systems 17 (5)	2024
105.	Workshop dan Pemanfaatan Teknologi Digital Signature berbasis Blockchain di Lingkungan Pimpinan Daerah Muhammadiyah Tasikmalaya	Ilmu Komputer untuk Masyarakat 5 (2), 42-48	2024
106.	DATA SECURITY SCHEME WITH A COMBINATION OF ADVANCED ENCRYPTION STANDARD (AES) AND RIVEST SHAMIR ALDEMAN (RSA) ALGORITHMS	Antivirus: Jurnal Ilmiah Teknik Informatika 18 (2), 177-190	2024
107.	Implementasi Digital Signature Pada Dokumen Elektronik Berbasis QR-Code	STRING (Satuan Tulisan Riset dan Inovasi Teknologi) 9 (2), 133-138	2024
108.	SimpliScopeX: Enhanced Deep Learning Model for Identification of Microscopic Image of Simplicia Fragments of Medicinal Plant Leaves	Journal of Advanced Research in Applied Sciences and Engineering Technology 51 (2)	2025

I. Pemakalah Seminar Ilmiah (Oral Presentation) dalam 5 Tahun Terakhir

No	Nama Pertemuan Ilmiah / Seminar	Judul Artikel Ilmiah	Waktu dan Tempat
1	Konferensi Nasional Informatika (KNIF) 2015	Pencegahan Ancaman Reverse Engineering Source Code PHP dengan Teknik Obfuscation Code pada Extension PHP	Institut Teknologi Bandung, Bandung, 22 Oktober 2015
2	The 1 st Siliwangi International Conference	Performance Comparison of Signed Algorithms on JSON Web Token	Bandung, 14 Agustus 2018

No	Nama Pertemuan Ilmiah / Seminar	Judul Artikel Ilmiah	Waktu dan Tempat
	on Innovation in Research (SICIR) 2018		
3	International Conference on Industrial, Enterprise, and System Engineering	Web Services to Overcome Interoperability in Fingerprint-based Attendance Systems	Yogyakarta, 21-22 November 2018
4	International Conference on Advancement in Data Science, E-Learning, and Information Systems	Comparison of the Effects Stemmer Porter and Nazief-Adriani on the Performance of Winnowing Algorithms for Measuring Plagiarism	Yogyakarta, 6-7 Februari 2019
5	The 16th International Conference on Quality in Research (QiR)	Performance Analysis of Data Transmission on Websocket for Real-time Communication	Padang, 22-24 Juli 2019
6	The 16th International Conference on Quality in Research (QiR)	Performance Evaluation of Query Response Time in The Document Stored NoSQL Database	Padang, 22-24 Juli 2019
7	The 7th International Conference on Information and Communication Technology (ICoICT)	Real-time Screen Sharing Using Web Socket for Presenting Without Projector	Malaysia, 24-26 Juli 2019
8	The International Conference on Data Engineering and Information System (ICoDEIS)	Comparison of JSON and XML Data Formats In Document Stored NoSql Database Replication Processes	Bali, 5-7 November 2019
9	The International Conference on Data Engineering and Information System (ICoDEIS)	Authentication System and Method for Improving Security Login Without Typing Password	Bali, 5-7 November 2019
10	International Conference on Internet of Things and Intelligence System (IoTaIS)	Real-time Communication Measurement on Web Services in the Fingerprint Machine	Bali, 5-7 November 2019
11	International Conference on Industrial Enterprise and System Engineering (ICoIESE)	Cross Reference Injection for Proof of Ownership Portable Document Format	Bali, 4-5 Maret 2020
12	International Conference on Industrial Enterprise and System Engineering (ICoIESE)	Real-time Web Application Firewall Monitoring uses the OWASP CRS Framework	Bali, 4-5 Maret 2020
13	International Conference on Industrial Enterprise and System Engineering (ICoIESE)	Real-time Eyeglasses Selection Simulator using Haar Cascade Classifier Algorithm in Augmented Reality Technology	Bali, 4-5 Maret 2020

No	Nama Pertemuan Ilmiah / Seminar	Judul Artikel Ilmiah	Waktu dan Tempat
14	The 8th International Conference on Information and Communication Technology (ICoICT)	Optimizing Data Storage in Handling Dynamic Input Fields with JSON String Compression	Yogyakarta, 24-26 Juni 2020
15	The 8th International Conference on Information and Communication Technology (ICoICT)	Applied Internet of Things (IoT): The Prototype Bus Passenger Monitoring System Using PIR Sensor	Yogyakarta, 24-26 Juni 2020
16	The 9th International Conference on Information and Communication Technology (ICoICT)	Sentiment Analysis of Ojek Online User Satisfaction Based on the Naïve Bayes and Net Brand Reputation Method	Bandung, 3-5 Agustus 2021
17	International Conference on Advancement in Data Science, E-Learning, and Information Systems (ICADEIS)	Face Mask Detection using Haar Cascade Classifier Algorithm based on Internet of Things with Telegram Bot	Bali, 13 Oktober 2021
18	International Conference on Advancement in Data Science, E-Learning, and Information Systems (ICADEIS)	Microservices-based IoT Monitoring Application with a Domain-driven Design Approach	Bali, 13 Oktober 2021
19	International Conference on Advancement in Data Science, E-Learning, and Information Systems (ICADEIS)	JSON Web Token Penetration Testing on Cookie Storage with Storage with CSRF Techniques	Bali, 13 Oktober 2021
20	The 4th International Conference on Applied Information Technology and Information (ICAITI)	Design Thinking Approach for User Interface Design and User Experience on Campus Academic Information Systems	Lombok, 15-17 Maret 2022
21	The 4th International Conference on Applied Information Technology and Information (ICAITI)	Chatbot for Diagnosis of Pregnancy Disorders using Artificial Intelligence Markup Language (AIML)	Lombok, 15-17 Maret 2022
22	The 4th International Conference on Applied Information Technology and Information (ICAITI)	Identification of Mirai Botnet in IoT Environment Through Denial of Service Attacks	Lombok, 15-17 Maret 2022
23	2022 International Conference on Advanced Creative Networks and Intelligent Systems (ICACNIS), IEEE	IoT Based Temperature Monitoring System For Smart Cage	Bandung, 23-23 November 2022

No	Nama Pertemuan Ilmiah / Seminar	Judul Artikel Ilmiah	Waktu dan Tempat
24	2022 Seventh International Conference on Informatics and Computing (ICIC)	GeoJSON Implementation for Demographic and Geographic Data Integration Using RESTful Web Services	Denpasar, Bali, Indonesia, 08-09 December 2022
25	2022 International Conference Advancement in Data Science, E-learning and Information Systems (ICADEIS)	Web Service Modeling for GraphQL Based College Data Service Access	Bandung, Indonesia, 23-24 November 2022
26	2022 International Conference Advancement in Data Science, E-learning and Information Systems (ICADEIS)	Event-Driven Architecture to Improve Performance and Scalability in Microservices-Based Systems	Bandung, Indonesia, 23-24 November 2022
27	2022 International Conference Advancement in Data Science, E-learning and Information Systems (ICADEIS)	Selection of the Best Color Space for Image Steganography with the Least Significant Bit Method	Bandung, Indonesia, 23-24 November 2022
28	2022 International Conference Advancement in Data Science, E-learning and Information Systems (ICADEIS)	Optimization of Hijaiyah Letter Handwriting Recognition Model Based on Deep Learning	Bandung, Indonesia, 23-24 November 2022
29	International Conference on Evolutionary Artificial Intelligence (ICEAI 2023)	Model Accuracy Test for Early Stage of Diabetes Risk Prediction with Data Science Approach	Malaysia, 13-14 September 2023
30	International Conference on Informatics and Computing (ICIC) 2023	The Effect of Adding the Heuristic Evaluation Method to the Usability Evaluation Method of Design Thinking in the UNSIL Vclass Application	Malang, 7-8 December 2023
31	The 2nd International on Advanced Science and Engineering (ICASE 2023)	SimpliScopeX: Enhanced Deep Learning Model for Identification of Microscopic Image of Simplicia Fragments of Medicinal Plant Leaves	Malaysia, 25-26 November 2023
32	2023 International Conference in Advancement in Data Science, e-Learning, and Information System (ICADEIS)	AMAN: Token-based Authentication to Improved Single Sign-On Security Between Systems	Lombok, 2-3 Agustus 2023

No	Nama Pertemuan Ilmiah / Seminar	Judul Artikel Ilmiah	Waktu dan Tempat
33	The 18th International Conference On Telecommunication Systems, Services, And Applications	Comparison of Naïve Bayes and Random Forest on Sentiment Analysis of Brand Reputation Provider Live.On	Bali, 17-18 October 2024
34	2nd International Conference on AI, Blockchain, Cloud Computing & Data Analytics 2024 (ICoABCD 2024)	SignChain: Enhanced Digital Signature System Security with HashIDs in Blockchain	AUGUST 20-21, 2024 BALI, INDONESIA
35	2nd International Conference on AI, Blockchain, Cloud Computing & Data Analytics 2024 (ICoABCD 2024)	Event-Driven Architecture (EDA) vs API-Driven Architecture (ADA): Which Performs Better in Microservices?	AUGUST 20-21, 2024 BALI, INDONESIA
36	2nd International Conference on AI, Blockchain, Cloud Computing & Data Analytics 2024 (ICoABCD 2024)	Performance Comparison of Multinomial and Bernoulli Naïve Bayes Algorithms with Laplace Smoothing Optimization in Fake News Classification	AUGUST 20-21, 2024 BALI, INDONESIA
37	the Ninth International Conference on Informatics and Computing (ICIC 2024)	Hi-Care: Smart Virtual Assistant System Architecture with Domain-Driven Design towards Improving Quality of Life	Medan, 24-25 October 2024
38	the Ninth International Conference on Informatics and Computing (ICIC 2024)	Real-time Web Application Firewall Monitoring uses the OWASP CRS Framework	Medan, 24-25 October 2024
39	the Ninth International Conference on Informatics and Computing (ICIC 2024)	Cross Reference Injection for Proof of Ownership Portable Document Format	Medan, 24-25 October 2024
40	the Ninth International Conference on Informatics and Computing (ICIC 2024)	Science and Technology Index (SINTA) Data Acquisition Model with Web Scraping Method	Medan, 24-25 October 2024
41	the Ninth International Conference on Informatics and Computing (ICIC 2024)	Support Vector Machine Parameters Optimization using Firefly Algorithm for Mental Health Prediction	Medan, 24-25 October 2024
42	International Seminar on Research of Information	Analyzing TikTok Account Reputation from Google	Yogyakarta, 11-12 December 2024

No	Nama Pertemuan Ilmiah / Seminar	Judul Artikel Ilmiah	Waktu dan Tempat
	Technology and Intelligent Systems (The 2024 7th ISRITI)	Play Store Reviews using Sentiment Analysis and Machine Learning Approach	
43	International Seminar on Research of Information Technology and Intelligent Systems (The 2024 7th ISRITI)	Real-time Eyeglasses Selection Simulator using Haar Cascade Classifier Algorithm in Augmented Reality Technology	Yogyakarta, 11-12 December 2024
44	International Seminar on Research of Information Technology and Intelligent Systems (The 2024 7th ISRITI)	Comparison of Hyperparameter Tuning Techniques on KNN Algorithm to find the Best K Value using Grid Search and Random Search Methods	Yogyakarta, 11-12 December 2024
45	International Seminar on Research of Information Technology and Intelligent Systems (The 2024 7th ISRITI)	Beccak: Combination of Blockchain and Keccak Algorithm for Improved Digital Signature Performance	Yogyakarta, 11-12 December 2024

J. Hak Atas Kekayaan Intelektual dalam 5 Tahun Terakhir

No	Nomor	Nama Produk	Jenis	Waktu dan Tempat
1	EC00201984291	ScreenSocket LeightWeight Client-Server Communication With Websocket	Program Komputer (HKI)	11 November 2019, di Bandung
2	EC00201936659	Web Scraping With HTML DOM (Automated Data Collection From Google Scholar)	Program Komputer (HKI)	1 April 2019, di Tasikmalaya
3	EC00202009315	Sistem Informasi Usulan Pembimbing Tugas Akhir (SUPER)	Program Komputer (HKI)	9 Maret 2020, di Tasikmalaya
4	EC00202038194	Sistem Pembaca Layar Dan Pengirim Pesan Otomatis Pada Whatsapp (Kintun.id)	Program Komputer (HKI)	7 Oktober 2020, di Tasikmalaya
5	EC00202147005	Face Mask Detection Using Haar Cascade Classifier Algorithm Based On Internet Of Things With Telegram Bot Notification	Program Komputer (HKI)	15 September 2021, di Tasikmalaya
6	EC00202114887	Diagnostic Intelligence Gangguan Kehamilan (DILAN CHATBOT)	Program Komputer (HKI)	9 Maret 2021, di Tasikmalaya

No	Nomor	Nama Produk	Jenis	Waktu dan Tempat
7	EC00202146150	KonekThings (IoT Monitoring Systems)	Program Komputer (HKI)	12 September 2021, di Tasikmalaya
8	EC00202254091	Mikrobat: Dataset Fragmen Mikroskopik Simplisia Tanaman Obat	Basisdata (HKI)	16 Agustus 2022, Tasikmalaya
9	S00202209537	MODEL ENCRYPTION EXECUTION ENGINE (EEE) UNTUK MENINGKATKAN KEAMANAN PERLINDUNGAN KODE SUMBER	Paten Sederhana	13 September 2022, Tasikmalaya
10	EC00202262138	Aplikasi Layanan Kebersihan Masjid Berbasis Mobile	Program Komputer (HKI)	8 September 2023, Tasikmalaya
11	EC002023117838	Sistem Informasi Manajemen Administrasi Rukun Tetangga (SMART)	Program Komputer (HKI)	6 Maret 2024, Tasikmalaya
12	EC002023131007	Aplikasi Identifikasi Citra Mikroskopis Fragmen Simplisia Tanaman Obat Berbasis Android	Program Komputer (HKI)	6 Maret 2024, Tasikmalaya
13	EC00202388840	SWART Dataset	Databse (HKI)	12 Oktober 2023, Tasikmalaya
14	EC00202347501	USA Downloader (Unsil Scientific Article Bot)	Program Komputer (HKI)	22 Juni 2023, Tasikmalaya
15	P00202307705	Tempat Sampah Cerdas Berbasis AIoT (Artificial Intelligence dan Internet of Things)	Paten	9 Juni 2024, Tasikmalaya
16	EC002023117826	Rancangan Arsitektur Smart Wearable Device Berbasis IoT untuk Pemantau Kesehatan	Databse (HKI)	6 Maret 2024, Tasikmalaya
17	EC00202421326	Smart Waste Bin with Artificial Intelligence and Internet of Things (SWART)	Program Komputer (HKI)	6 Maret 2024, Tasikmalaya

K. Karya Buku / Bookchapter ber- ISBN (5 tahun terakhir)

No	Judul Buku / Bookchapter	Tahun
1.	AI Generatif dan Mutu Pendidikan	2024
2.	Model Accuracy Test for Early Stage of Diabetes Risk Prediction with Data Science Approach Evolutionary Artificial Intelligence - Springer	2024
3.	Literasi Teknologi Informasi untuk Pengembangan dan Peningkatan Kompetensi UNSIL Library Publisher	2023

4.	Keamanan Source Code PHP Menggunakan Teknik Obfuscation	2022
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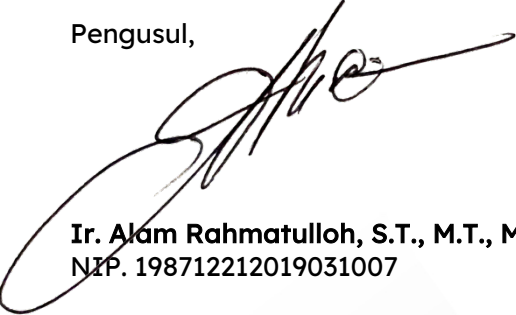
L. Prestasi / Penghargaan yang pernah diperoleh

No	Prestasi / Penghargaan	Lembaga yang memberikan	Tahun
1.	Top 50 Kompetisi Inovasi Jawa Barat 2024	Gubernur Jawa Barat	2024
2.	Peringkat 1 Dosen Berprestasi Bidang Saintek	Universitas Siliwangi	2024
3.	Peserta Terbaik Kelompok 2	Pelatihan Penulisan Deskripsi Permohonan Paten Tahun 2024 Direktorat Jenderal Pendidikan Tinggi, Riset, dan Teknologi Kementerian Pendidikan, Kebudayaan, Riset dan Teknologi	2024
4.	Peringkat 1 Kategori Sitasi Google Scholar Terbanyak	Universitas Siliwangi	2023
5.	Peringkat 2 Kategori SINTA Score Terbanyak	Universitas Siliwangi	2023
6.	Juara 2 Dosen Berprestasi Bidang Sains	Universitas Siliwangi	2023
7.	Best Paper Award	International Conference on Advancement in Data Science, E-Learning and Information System (ICADEIS)	2022
8.	Pemegang Kesatu Pemilik Sertifikat HaKI	Universitas Siliwangi	2022
9.	Pemegang Kesatu Pemilik Sertifikat HaKI	Universitas Siliwangi	2021

Semua data yang saya isikan dan tercantum dalam biodata ini adalah benar dan dapat dipertanggungjawabkan secara hukum. Apabila dikemudian hari ternyata dijumpai ketidaksesuaian dengan kenyataan, saya sanggup menerima sanksi.

Tasikmalaya, 23 Desember 2024

Pengusul,



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