

STAFF HANDBOOK
INFORMATICS DEPARTMENT
FACULTY OF ENGINEERING
UNIVERSITAS HASANUDDIN

Name	Zaenab Muslimin		
Position	Associate Professor		
Academic Career	Initial Academic Appointment	Institution	Year
	Lecturer	Universitas Hasanuddin	1992 - now
	Habilitation (postdoctoral)	Institution	Year
	Master (subject)	Institution	Year
	Electrical Engineering	Universitas Hasanuddin	2000 - 2004
	Undergraduate (subject)	Institution	Year
	Electric Power Engineering	Universitas Hasanuddin	1985 - 1990
Employment	Position	Employer	Period
	Lecturer	Electrical Department, Universitas Hasanuddin	1992 - now
Research and development projects over the last 5 years	Name of project or research focus	Model Dinamis Supply Demand Gasoline Untuk Analisis Produksi Bioethanol di Indonesia	
	Period and any other information	2021	
	Partners, if applicable		
	Amount of financing	8.000.000	
	Name of project or research focus	Penjadwalan Optimal Daya Reaktif Untuk Meningkatkan Kestabilan Sistem Tenaga Mempertimbangkan Intermittency Pltb Menggunakan Algoritma Hybrid BIG BANG-BIG CRUNCH (HBB-BC)	
	Period and any other information	2021	
	Partners, if applicable		
	Amount of financing	70.000.000	
	Name of project or research focus	Rancang Bangun Alat Kontrol dan Monitoring Variabel Ayam Petelur Menggunakan Mikrokontroller ESP 32	
	Period and any other information	2021	
	Partners, if applicable		
	Amount of financing	12.500.000	
	Name of project or research focus	Rancang Bangun Metode Early Warning Untuk Voltage Instability Dengan Mempertimbangkan Pola Operasi Pembangkit Pada Sistem Tenaga Listrik	
	Period and any other information	2018	
	Partners, if applicable		
	Amount of financing	100.000.000	
	Name of project or research focus	Perancangan Instrumen Survei Digital Untuk Analisis Konsumsi Energi Listrik	
	Period and any other information	2020	

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	Partners, if applicable		
	Amount of financing	50.000.000	
	Name of project or research focus	Rancang Bangun Metode Early Warning Untuk Voltage Instability Dengan Mempertimbangkan Pola Operasi Pembangkit Pada Sistem Tenaga Listrik Tahun ke 2	
	Period and any other information	2019	
	Partners, if applicable		
	Amount of financing	100.000.000	
Industry collaborations over the last 5 years	Project Titles	-	
	Partners	-	
Patents and proprietary rights	Titles		Year
Important publications over the last 5 years	Selected recent publications from a total of approx.		
	(Give total number)	5	
	Author	Zaenab Muslimin , Ansar Suyuti , Elyas Palantei , Indrabayu And Indar Chaerah Gunadin	
	Title	A new perspective in power loss reduction of ninety two buses integrated D-STATCOM	
	Any other information	Indexed in scopus	
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	Przeglad Elektrotechniczny, 2020, 96(12), pp. 53–57	
	Author	Chaerah Gunadin, Indar and Safrizal, Safrizal and Rosyadi, Marwan and Siswanto, Agus and Syukriadin, Syukriadin and Muslimin , Zaenab and Gassing	
	Title	Wind Speed Prediction in the area of PLTB Tolo Jeneponto South Sulawesi using Artificial Neural Network	
	Any other information	Indexed in scopus	
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	Proceeding - 1st International Conference on Information Technology, Advanced Mechanical and Electrical Engineering, ICITAMEE 2020, 2020, pp. 106–110, 9398419	
	Author	Yusri Syam Akil, Wardi, Zaenab Muslimin and Imran Taufik	
	Title	Household electricity consumption in rural area: An occupant's behavior analysis to increase energy savin	
	Any other information	Indexed in scopus	

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	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	Przegląd Elektrotechniczny, 2021, 97(5), pp. 34–39	
	Author	Indar Chaerah Gunadin , Zaenab Muslimin and Agus Siswanto	
	Title	Transient Stability Improvement Based On Moment Inertia Index Using Extreme Learning Machine	
	Any other information	Indexed in Scopus	
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	ARPN Journal of Engineering and Applied Sciences, VOL. 14, NO. 14, JULY 2019, pp. 2520 - 2528	
	Author		
	Title		
	Any other information		
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers		
Activities in specialist bodies over the last 5 years	Organization	Role	Period