

STAFF HANDBOOK
INFORMATICS DEPARTMENT
FACULTY OF ENGINEERING
UNIVERSITAS HASANUDDIN

Name	Syafaruddin		
Position	Professor		
Academic Career	Initial Academic Appointment	Institution	Year
	Lecturer	Universitas Hasanuddin	1999 - now
	Habilitation (postdoctoral)	Institution	Year
	Visiting Professor	Northern Illinois University (NIU), USA	2018
	Visiting Researcher	Kumamoto University, Japan	2013
	Insinyur (Ir) Profesional Utama (IPU) – Executive Professional E	Universitas Hasanuddin	2020
	Doctorate	Institution	Year
	Electrical Engineering	Kumamoto University, Japan	2006 - 2009
	Master (subject)	Institution	Year
	Electrical Engineering	University of Queensland, Brisbane, Australi	2003 - 2004
	Undergraduate (subject)	Institution	Year
	Electrical Engineering	Universitas Hasanuddin	1992 - 1996
Employment	Position	Employer	Period
	Lecturer	Department of Computer Science and Electrical Engineering, Graduate School of Science and Technology (GSST), Kumamoto University, Japan	2013
	Lecturer	Graduate School of Science and Technology (GSST) Kumamoto University, Japan	2009 - 2011
	Lecturer	Department of Informatics Engineering and Department of Electrical Engineering, Universitas Hasanuddin	1999 - now
	Site Planning Engineer	PT. Siemens Indonesia	1997-1998
Research and development projects over the last 5 years	Name of project or research focus	Pengembangan Jaringan Syaraf Tiruan pada Karakterisasi Listrik Sel Surya Berbasis Kristal dan Non-Kristal Silikon	
	Period and any other information	2018 - 2019	
	Partners, if applicable		
	Amount of financing		

STAFF HANDBOOK
INFORMATICS DEPARTMENT
FACULTY OF ENGINEERING
UNIVERSITAS HASANUDDIN

	Name of project or research focus	Perancangan Sistem Hibrid Photovoltaik-Thermal (PV/T) berbasis Mikrokontroller, Penelitian Terapan UPT	
	Period and any other information	2016 - 2018	
	Partners, if applicable		
	Amount of financing		
Industry collaborations over the last 5 years	Project Titles	Economic evaluation of interconnected electricity network between South and South East Sulawesi	
	Partners	Indonesian National Electricity Co.	
	Project Titles	Development of Electricity in rural Area	
	Partners	Indonesian National Electricity Co. Region VIII	
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	Yusran, Yuli Asmi Rahman, Indar Chaerah Gunadin, Sri Mawar Said, Syafaruddin	
	Title	Mesh grid power quality enhancement with synchronous distributed generation: optimal allocation planning using breeder genetic algorithm	
	Any other information	Indexed in Scopus	
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	Przegląd Elektrotechniczny, Vol. 2020, No. 1, pp. 82-86, January 2020	
	Author	Syafaruddin , Gassing, Faizal Arya Samman, Satriani Latief	
	Title	Adaptive NeuroFuzzy Inference System (ANFIS) Method Based Optimal Power Point of PV Modules	
	Any other information	Indexed in Scopus	
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	ICIC Express Letters, Part B: Applications, Vol. 11, No. 2, pp. 111- 119, February 2020	
	Author	Syafaruddin , Donald S. Zinger	
	Title	Review on Methods of Fault Diagnosis in Photovoltaic System Applications	
	Any other information	Indexed in Scopus	
	Publisher, place of publication, date of publication or name of	Journal of Engineering Science and Technology Review, Vol.12, No.5, pp.53-66, 2019.	

STAFF HANDBOOK
INFORMATICS DEPARTMENT
FACULTY OF ENGINEERING
UNIVERSITAS HASANUDDIN

	periodical, volume, issue, page numbers		
	Author	Sitti Hamnah Ahsan, Salama Manjang, Merna Baharuddin, Syafaruddin	
	Title	Realtime performance model of hybrid power generation (Landfill gas, photovoltaic system, diesel generator)	
	Any other information	Indexed in Scopus	
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	ICIC Express Letters: International Journal of Research and Surveys, Vol. 13, No. 6, pp. 435-444, June 2019.	
	Author	Syafaruddin	
	Title	Review on Multi-Objectives Optimization Methods in Hybrid Power Generation	
	Any other information	Indexed in Scopus	
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	Journal of Engineering Science and Technology Review, Vol.12, No.1, pp.143-152, 2019	
Activities in specialist bodies over the last 5 years	Organization	Role	Period
	Scientific & Technical Research Association (STRA) of Eurasia Research Group	Member	
	Persatuan Insinyur Indonesia (PII)	Member	2016-2021