

**STAFF HANDBOOK**  
**INFORMATICS DEPARTMENT**  
**FACULTY OF ENGINEERING**  
**UNIVERSITAS HASANUDDIN**

Name	Anugrayani Bustamin		
Position	Lecturer		
Academic Career	Initial Academic Appointment	Institution	Year
	Lecturer	Universitas Hasanuddin	2018
Employment	Masters (subject)	Institution	Year
	Electrical Engineering	Universitas Hasanuddin	2014-2016
	Undergraduate (subject)	Institution	Year
	Informatics Engineering	Universitas Hasanuddin	2009-2013
	Position	Employer	Period
	Lecturer	Informatics Department, Universitas Hasanuddin	2018 - present
	Research and development projects over the last 5 years	Name of project or research focus	Optimalization of Voice Signal Preprocessing using Butterworth Filter (Optimalisasi Preprocessing Sinyal Suara dengan Filter Butterworth.
	Period and any other information	2019	
	Partners, if applicable		
	Amount of financing	Rp 25.000.000	
	Name of project or research focus	Comparisons of Artificial Intelligence Algorithm for Weather Forecasting (Perbandingan Algoritma Kecerdasan Buatan untuk Prediksi Curah Hujan)	
	Period and any other information	2021	
	Partners, if applicable		
	Amount of financing (Rp)	Rp 8.000.000	
	Name of project or research focus	Sistem Kemiripan Karya Ilmiah dengan Metode Pengelompokan dan Analisis Kemiripan	
	Period and any other information	2019	
	Partners, if applicable		
	Amount of financing (Rp)	8.000.000	
	Name of project or research focus	Pengembangan Sistem Analisis Sentimen dan Deteksi Sarkasme Pengguna Jaringan	
	Period and any other information	2020	
	Partners, if applicable		
	Amount of financing (Rp)	8.000.000	
Industry collaborations over the last 5 years	Period and any other information	2019	
	Partners, if applicable		
Patents and proprietary rights	Amount of financing	Rp 25.000.000	
Important publications over the last 5 years	Selected recent publications from a total of approx.		
	(Give total number)	5	
	Author	Intan Sari Areni, Indrabayu, <b>Anugrayani Bustamin</b>	

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Title	Improvement in Speech to Text for Bahasa Indonesia Through Homophone Impairment Training
Any other information	SCOPUS INDEX
Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	Journal Of Computers (Taiwan) Vol.28, No.5, 2017, PP.1-10. DOI : 10.3966/199115992017102805001 ISSN: 19911599
Author	Intan Sari Areni, Tiwi Safitri, Indrabayu, <b>Anugrayani Bustamin</b>
Title	Gender-based customer counting system using computer vision for retail stores
Any other information	SCOPUS INDEX
Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	Journal of Computer Science, Volume 16 No. 4, 2020, 439-451 DOI : 10.3844/jcssp.2020.439.451
Author	Indrabayu, Rahmat Hardian Putra, Ingrid Nurtanio, Intan Sari Areni, <b>Anugrayani Bustamin</b>
Title	Blob adaptation through frames analysis for dynamic fire detection
Any other information	SCOPUS INDEX
Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	Bulletin of Electrical Engineering and Informatics, Vol. 9 No. 5, 2020, DOI: 10.11591/eei.v9i5.2622
Author	Indrabayu, Ingrid Nurtanio, Intan Sari Areni, Sri R.A Bugiwati, <b>Anugrayani Bustamin</b> , Muhammad Rahmatullah
Title	A Portable Cattle Tagging Based on Muzzle Pattern
Any other information	SCOPUS INDEX
Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	International Journal Of Interactive Mobile Technologies, Vol. 14 No. 13, 2020, 134-149
Author	Intan Sari Areni, Ahmad Waridi, Indrabayu, Christoforus Y., Armin Lawi and <b>Anugrayani Bustamin</b>
Title	IoT-Based of Automatic Electrical Appliance for Smart Home
Any other information	SCOPUS INDEX
Publisher, place of publication, date of publication or name of	International Journal Of Interactive Mobile Technologies, Vol. 14 No. 18 pp. 204-211

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	periodical, volume, issue, page numbers		
Activities in specialist bodies over the last 5 years	Organization	Role	Period
	IEEE	Member	2021
	International of Association of Engineers (IAENG)	Member	2019-2021