STAFF HANDBOOK
INFORMATICS DEPARTMENT
FACULTY OF ENGINEERING
UNIVERSITAS HASANUDDIN

Name	Intan Sari Areni		
Position	Associate Professor		
Academic Career	Initial Academic Appointment	Institution	Year
	Associate Professor	Universitas Hasanuddin	2010
	Habilitation (postdoctoral)	Institution	Year
	Digital Signal Processing	Kyushu Institute of Technology	Nov 2015 – Jan 2016
	Doctorate (subject)	Institution	Year
	Electrical Engineering	Ehime University	2010-2013
	Masters (subject)	Institution	Year
	Electrical Engineering	Universitas Gadjah Mada (UGM), Yogyakarta	1999-2003
	Undergraduate (subject)	Institution	Year
	Electrical Engineering	Universitas Hasanuddin	1993-1998
Employment	Position	Employer	Period
	Lecturer	Universitas Hasanuddin	2000- now
Research and development projects over the last 5 years	Name of project or research focus	Prototipe Speech to Text Bahasa Indonesia untuk Alat Bantu Komunikasi Kaum Difabel	
	Period and any other information	2018	
	Partners, if applicable		
	Amount of financing	80.000.000	
	Name of project or research focus	Smart Difabel untuk Kaum Tuna Netra	
	Period and any other information	2018	
	Partners, if applicable		
	Amount of financing	40.000.000	
	Name of project or research focus	Anti Terorisme dengan Pengenalan Wajah Berbasis Video	
	Period and any other information	2019	
	Partners, if applicable		
	Amount of financing	48.000.000	
	Name of project or research focus	Sistem Counting Pengunjung Untuk Pengambilan Keputusan Retailing Di Industri 4.0	
	Period and any other information	2019	
	Partners, if applicable		
	Amount of financing	98.000.000	
	Name of project or research focus	Studi Kelayakan Penggunaan PC Mini Berdaya Rendah untuk Aplikasi Magnetic Resonance Imaging	
	Period and any other information	2020	
	Partners, if applicable		
	Amount of financing (Rp)	8.000.000	
	Project Titles	-	
	Partners	-	

Industry collaborations over the last 5 years			
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	Intan Sari Areni, Asyraful Insan Asry, Indrabayu	
	Title	A hybrid feature extraction method for accuracy improvement in "Aksara Lontara" translation	
	Any other information	Indexed in Scopus	
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	JOURNAL OF COMPUTER SCIENCE ISSN PRINT: 1549-3636; ISSN ONLINE : 1552-6607	
	Author	Indrabayu, Rizki Yusliana Bakti, Intan Sari Areni	
	Title	A Modified Pinhole Camera Model For Automatic Speed Detection Of Diagonally Moving Vehicle	
	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 Vol. 13, No. 6 (2018), pp. 1722 – 1734	
	Author	Indrabayu, Rahmat Hardian Putra, Ingrid Nurtanio, Intan Sari Areni, Anugrayani Bustamin	
	Title	Blob adaptation through frames analysis for dynamic fire detection	
	Any other information	Indexed in Scopus	
	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, pp. 2189-2197	
	Author	Intan Sari Areni, Ayu Dhiya Mufida, Indrabayu, Sri Wahyuni, Ingrid Nurtanio, Ida Rachmaniar, dan Anugrayani Bustamin	
	Title	Speech to Text in Indonesian Personal Assistant	
	Any other information	Indexed in Scopus	
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	Journal of Computer Science ISSN : 15493636	
	Author	Indrabayu,, Pallu, S., Achmad, A., Areni, I.S., Bustamin, A.	
	Title	A prototype of low cost weather station for data spatial and temporal analysis	

	Any other information	Indexed in Scopus	
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	ICIC Express Letters, 2020, 14(11), pp. 1121–1127	
	Author	Intan Sari Areni, Ahmad Waridi, Indrabayu Amirullah, Christoforus Yohannes, Armin Lawi, Anugrayani Bustamin	
	Title	IoT-Based of Automatic Electrical Appliance for Smart Home	
	Any other information	Indexed in Scopus	
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	International Journal of Interactive Mobile Technologies (IJiM), Vol.14, N0. 18, 2020, pp. 204-211	
Activities in specialist bodies over the last 5 years	Organization	Role	Period
	Institute of Electrical and Electronics Engineers (IEEE)	Member	2019-2021
	International of Association of Engineers (IAENG)	Member	2019-2021
	Persatuan Insinyur Indonesia (PII)	Member	2016-2021